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Spinel gem su

For larger mineral grades, see Spinel Group. SpinelSmall crystals on top of a white calcity from Morgok, Myanmar, measuring 1.5×1.1×1cm of sizeGenerCategory Oxide Mineral Spinel Group Spinel Group Structural Formula (Echo Unit) MgAl2O4Strunz classification4. BB.05Crystal SystemCubicCrystal ClassHextehdral (43m) H–M Symbol: (43m)[1][2][3] Space GroupF 4 3 m (No. 216) Unit Cells = 8.0898(9)Å; Z = 8IdentificationColorVarious; red, pink, blue, lavender/violet, dark green, brown, black, colourlessCrystal habitOctehedra or flat triangular plates caused by twinningTwinningcommonCleavageNoneFractureConchoidalMohs scale hardness7.5–8.0LusterVitreousStreakWhiteDiaphaneityTransparent to opaqueSpecific gravity(Depending on the composition) The rare Zn-rich spinel can be as high as 4.40, otherwise it averages from 3.58 to 3.61.Optical propertiesIsotropicRefractive index1.719PleochroismAbsentSolubilityNoneOther characteristicsWeak to medium magnetic, sometimes fluorescent (red synthetic yes, natural red sometimes)References[4][5] Spinel (/spɪˈnɛl/) is the magnesium/aluminium member of the larger spinel group of minerals. It has the formula MgAl2O4 in the cube crystal system. Her name comes from the spinella Latin word, which means vertebral in reference to her pointed crystals. [4] Cutting properties crystallizing spinalizing in the isometric system; common crystal forms oktadara, usually twins. She had an imperfect colleague with a concosysial waterfall. Its hardness is 8, its specific gravity is 3.5–4.1, and is transparent in opaac and a vertious liter for them dull. It can be without color, but is usually various shade of pink, red, red, blue, green, yellow, brown, black, or (uncommon) violet. There is a natural white natural, now absorbed, which surfaces a while in what is Sri Lanka. Some turned them in among the famous jemstones; Among them is the Ruby Black Prince and Timur the rub of the British Crown jewels, and Côte de Britain, antiques from the French Crown jewels. The Samarian Spinel is the largest known spin in the world, weighing 500 cars (100 g). Turning red named rubies spin-rubies or balas rubies. In the past, prior to the arrival of modern science, spinal and fry were equally known as rubs. After the 18th century the brushed word was only used for the variety of red gem of the mineral corridor and the word turn became used. Balas is from Balascia, senior name for Badakhshan, a region in Central Asia located in the upper value of the Panj River, one of the principal courts of the Oxus Jordan Oxus. Mines in the Gorno Badakhshan region of Tajikistan constructed for centuries the main source for red and red turn. Spinel's geologic incidents have been found as a metamorphic mineral, and also as a main mineral in rare mafia unremitting In these igneous rocks, magmas are relatively deficient in alkalica relative to aluminum, and aluminum oxide can be formed as corrupters of minerals or may combine with magnesia to form spin. That's why turns and ruby are often found together. Petrogenesis in spinal rock magic is strongly debating, but certainly results from magic magma interactions that have further evolved magma[6] or rocks (e.g. Gabro, troctolite). [7] [8] Spinel, (Mg, Fe)(Al, Cr) 2O4, is common in perutee of Earth's uppermost mantle, between about 20 kilometers approximately 120 km, perhaps lower depth depending on the intravenous content. [9] In deep sea significantly, above the Moho, plagioclase calculation is the most stable aluminum mineral in peridotity while garnett is the deeper stable phase of the coat below the region turning stability. Spinal, (Mg, Do) Al2O4, is a common mineral in the Ca-al-Rich Inclusion (CAIs) of some horse meteorites. Spinel's geographic incident has long been found in gravel jemstone-borne gravel in Sri Lanka and in limestones of Badakshan Province in modern-day Afghanistan and Tajikistan; and Morgok in Myanmar. Over the last decades quality gem turns to get into the marbles in Luc Yên district (Vietnam), Mahenge and Matombo (Tanzani), Tsavo (Kenya) and to the graves of Tunduru (Tanzania) and Ilaka (Madagascar). Since 2000, in many places around the world, turns have been discovered with unusual pink living or blue colors. These slow turns are known in Morgok (Myanmar),[10] Mahenge Plateau (Tanzania), Luc Yên District (Vietnam)[11] with some more locals. In 2018 blue spins were also reported in the southern part of Baffin Island (Canada). [12] The blue quality spinal color is caused by the cobalt testament. [13] Synthetic spinal synthetic spin, accidentally produced in the middle of the 18th century, which was described most recently in scientific publications in 2000 and 2004. [14] By 2015, transparent turn was made of sheets and other forms of adherents. [15] Synthetic spin, which looks like glass, but it has notably higher force against coercion, can also contain applications of military and commercial uses. [16] See also the Mineral potcter of the Black Prince, part of the crown jewels of the United Kingdom Seylonity of the Samara Spinel, the largest known spin of the world, part of Iran's Crown Aaron Arrangement, three brothers, a crown lost 14th-century jewelry and three red spins into a triangular Reference Arrangement ^ Robert John Lancashire. Normal Spinels. CHEM2101 (C 21J) inorganic chemistry - chemistry in metal transition complex. University of West Indies. Archived from the original on 2018-08-08. N. Grimes; et al. (April 8, 1983). New symmetry and structure for Spinel. Proceedings of the Royal Society of London. Series A, and Physical Science. 386 (1791): 333–345. Bibcode: 1983RSPSA.386..333G. Doi:10.1098/rspa.1983.0039. JSTOR 2397417. ^ L. Hwang; et al. (Jul 1973). On the space group of MgAl2O4 spinel. 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Naval Research Lab. April 23, 2015. Bibliography Deer, Howie and Zussman (1966). An introduction to the Rock-Formed Minerals. Longman, pp. 424–433, ISBN 0-582-44210-9. Shumann, Walter (2006). Gemstones of the 3rd World Edition, Sterling, pp. 116–117. External link Wikimedia Commons contains media related to Spinel. Spinal structure of the University of Wisconsin – Green Bay Spinel structure of the Institute for Materials Science at the University of Which Spark Value of Spinel Retrieved from Comments shared my New Best Friend (Steven) pink to playmate (Pearl, Yellow Diamond) Gem Rejuvenator (non-named) Steven </273:ooclit>The Spinel Spinel is the main antagonist of Steven Universe: The Movie. It was created thousands of years ago to comfort the diamond alone. The two would play daily at Pink's Garden until he finally gave up his own colony. At this point, Work outside Spinel and deserted him under the stiffness of playing a game no Spinel stands alone for thousands of years; Pink never returned. After discovering this in Steven Universe's message to the universe, he went to Earth with full intent to destroy all forms of organic life, as a way to get revenge. After making fines with Steven and the Crystal Gems, the Diamonds took him back to live with them. Spinel Current appearance contains a pink complex, magenta eyes, a small dots nose, and magenta hair styled in a pair of spiky pigtails. He also had three black lines under both in his eyes, remembering to run mascara. Her dress consists of a dark magenta, short sleeve pointed hot sleeves, magenta magenta sleeves, hot pink gloves-length bridges, white action and a pair of boot point magenta-high. His jemstone is located in the center of his chest, cut off in the form of a heart upside-down. Previous Le Reset in its original design of Self Spinel's more rounded contrast to its current point design. She had eyes drawing animated black and her hair was style in a pair of shaped bundles that shaped. Her top was white with pink sleeves and her boots becoming a pair of big magenta shoes. The colour palet before the spinel is also brighter than its current one that uses dark tuna. Overall, his appearance was similar to those of the 1920s tire-tires drawings. Gemstone it used to be right side up, looks a normal heart. Originally personality, Spinel had a goof, fun-loved personality, being Pink Diamond's best friend to the point of being clingy. To star contrast to his original personality, about being abandoned – and learning that Pink is gone (and that Steven took his place) and to Pink's other friend – Spinel is painful, full of direction for Pink Diamond, Steven Universe, and all the affiliates. Due to his abandonment by Pink Diamond, Spinel is very mentally unhinged, being prone to laughing and extremes of extreme anger when reminding even indirectly that Pink Diamond forgot about it. This is seen when his face contacts with Fury after Steven asks Pearl who he was. Despite his anger and irrationality, Spinel is somewhat puzzled that he wants to go along with Steven to stop injecting him before he sees the Rejuvenator and believes that he wanted to reset it. Fearing of being betrayed for a second time, Spinel immediately returned to insanity and decided that he hates Steven personally, before launching a preemptive attack on him. Spinal is fuel by its seller against Pink Diamond and volunteer and can eliminate anyone who gets on his way. This is seen when he reset Pearl, Garnett, and Amethyst immediately after they met, as they met between him and Wonk, although he had all intentions of defending Pink's new friend who replaced him in his trunk fit. He showed a multitude of deeper emotions as when he showed remorse after Steven saved him with tears asking himself why he wants to hurt him and everyone else. Spinel also matured enough to understand he'll have some hard friends to create friends afterwards Pink Diamond puts him in, but he wants to start over with White, Blue, and Jon. Though being funny and goofy in his original form, Spinel was shown to be very smart and thoughtful in his changing state, originally defeating gems the Crystal Rejuvenator easily as well as understanding how the injector worked, using it to slowly reset Steven's organic form after using his rejuvenator to reset his gem , showing a great tactical knowledge. His ability to presumably hosts them in a normal gem. Fusions Ability Unique Elasticity: Seemingly Looking Like an ex-model design, spinel's attack pattern and the movements in it as well. It is highly elastic and malable, capable of stretching its membership and torso at large lengths and inflate body parts to bolster its attacks. He uses this to increase the range of his attacks, unable to reach haters from a distance. He can also boil his extended membership to form a spring and an inflated point at the end. It even displayed the ability to become as flat as the earth and slither across it, in a semi-liquid almost semi-liquid like state. He's even able to boil one of his fingers into doing a horn type that's activated and deactivate his shot. There appears to be no limitation as far as it can stretch. Physiology Tires: Spinel also possesses physiology similar to tires or wear. This allows him to jump deep distances and bounces off surface; this is blown when Garnett, Amethyst, and Pearl stretch and then shoot his body like a slingshot. Levitation: When Steven sings Change, he sees to be avoided in the air for a while. Gem Storage: Similar to the Pearl method of storage, Spinel could store a Rejuvenator gem inside of its gem for later use. Skythe Scythe Proficiency: The non-naming weapon that Spinel Wild is the Rejuvenator in the gem that has the appearance of a safety. Spinal accepted enough in his drink that he was easily able to defeat three of the Crystal Gems with one strike. In contrast with the weapon, the Spinal ability to stretch works greatly in his favor as it allows him to greatly increase the range of security, allowing him to speed through many different angles and increase the power behind it when it stretches far enough to allow the recovery to bolster the attacks made of Rejuvenator: He found this somehow and used it against the Crystal Gems until it was destroyed by Steven. Pink Diamond, then he smiled, that's what I am after, the smile in his eyes, the sound of his laugh. Happy to listen, happy to play, happily watching his drive go ♪—Steven Universal: The Spinel movie was Diamond's playmate and best friend. Creating only to entertain Pink, Spinel considers himself to be Wonk's best friend, and for a time, the two have been inseparable. However, they gradually grew apart as Pink Freshman wanted to have a colony of its own. Evident in this, Spinel continues to try to entertain Pink, his attitude now looks more strap in comparison. It became white; on Pink's allocation in Earth as his colony by the diamonds, Spinel intended to join Pink on this new effort. Very reluctant to allow Spinel to join him, Pink created a new game to get rid of

him to kiss, in which Spinel should wait for his return to the same slot, and never move. Spinal required and waited more than 6,000 years to return the Pink. When Spinel finally realized that Pink had abandoned him after watching Steven's announcement on the Diamond Communicator, injuries and heartache consume Spinel, resulting in his take on his current form and hunting down Steven to take revenge on Pink. Steven Universal What am I doing? Why do I want to hurt you so bad? I'm supposed to be a friend! ... I just want to be a friend... Steven Universal: The Spinel film sought revenge on Steven due to him being the descendant of Pink Diamond, as indicated in his streaming, and he was jealousy of the fact that he, or Pink, now had new friends who did not himself. Hurt by the abandoned Pink, he travels to destroy Steven's new friends and the planet who was very loving. Steven accidentally poof him,endures him as a threat once he has poofed Garnett, Amethyst, and Pearl. However, upon his regeneration, two become mutual friendly, and Spinel resumes his 'Best Friends' situation with Steven, as he did with Wonk. Both are inseparable, and the relationship heavily skewed; is coming mostly at Spinel. When a small discretion where Spinel sees Steven to take Steven more for his friends than he runs to Pink Diamond's Garden, where he tells Steven the story of the past. Moving, and desperate to redeeming the gem, Steven brings Spinel back to the Gems and Connie, who, after initially warriors, agrees to let Steven Ed Spinel to deactivate the Inject. As they deactivate it, Spinel is once again hurt by Steven's reaction; he claims he needed it only for the Inject, and he did not want to be his friend. Reverting to his old behavior, Spinel attacks Steven with a long holding Garnett hostage, before retired to the head of the Inject. Steven ride the shot to talk to Spinel, and they fight it becomes apparent he has lost his motivation to destroy him and regret his actions until that point. Steven, now fully reunited with his power, his comfort and claims he can start fresh off with new people to be his friend. The injected quickly exploded due to the fight, and Steven saved Spinel by replacing him in his bubble alongside him. Steven then tried to comfort him again, as Spinel decided he had created too much damage and be left. The diamonds then arrive, ready to confront Steven about where they will live, and Steven introduces The Spinel, thus giving him the new friends he promised. The de pearl is known to each other as members of Pink Diamond's courtroom, but presumably never communicates much. When Spinel and Pearl met with each other for the first time in thousands of years, the pearl experienced trauma on Spinel's return. While the two never communicate quite it seems that Spinel holds a fair amount of resentment towards pearl since Pink Diamond took Pearl and Earth, but left Spinel behind. This is obvious when Spinel mentions it and he is stealing the can to keep himself from screaming in anger. Jon, Blue and White Diamond the other diamond was known with thousands of years ago, as Spinel noticed that they had seen him before; it is not known how many or in what ways they are already communicating, however. Only known recent examples of Spinel encountering other diamonds are when the pink was told about him receiving his own colony by Blue and Jon, and White being absent. All three were apparently unaware that Pink left Spinel abandoned in his garden, nor did they seem to miss him in all in the first place. When they first met with the millennia spinel, once obvious diamonds seem to remember Spinel immediately, Jon even called him the little playmate pink; She was shown to be entertained by Spinel's jokes and antique arts. As for Blue Diamond, he calls Spinel one of Pink's lost treasures and shows sympathy after learning of his abandonment by Pink, but taking a liking to Spinel primarily due to his recent resemblance. White proposes the idea of taking Spinel to Homeworld with them and letting him stay at The Palace Divorce, where Spinel agrees, to express gratitude that they could try his hand at making friends again. Trivia Rebecca Sugar stated that Pink Diamond Abandoned Spinel because she found her reservoir and overwhelming with Pink... wanted to feel he'd move forward. This gem gave him to put it in a certain way, and he was ready to move on. He didn't really think about how that would affect others because he tends not to think about it. This is a bit of a recurring theme for him. I think there's a quality in Spinel that's also about our young audience who grew up, and all the kids that grew out of show and leave it behind, and how silent it can feel to be here working if hard to make that design when there are people who will just leave. Pink, she grew out of it. He doesn't apologize for what he did. She absolutely doesn't do that because she was very cruel, but she can be very cruel. [1] He also stated that what he wanted people to take away from the movie and spinel's and Spinel's character was that it's okay to be a work in progress and it's you that need to change and get better. The Spinel's existence and the story tied to an event in Sugar's youth: He left a rabbit darling in his garden and when he discovered it half a year later he had changed alone. This was also the source of inspiration for the song All Things Rete which Sugar comprised and performed for Adventure Time of the Stakes of Ministers. [2] Spinel was designed to look like a cartoon cartoon that never evolved and its movements were deliberately referenced to Grim Natwick's Betty Boop along with the production of Ub Iwerks. His design, gloves, first eye pupils in sight and capacity stretches were based on old-fashioned cartoon characters of the early 1900s-era tires animation those with people like curved members and stretches freely with no articulation. Her opening song matched this song that's similar to jaz or ragtime lyrics in these designs. [3] He tended to add old broken words to his speech like swelling or gee that was often used during the tires time those tires were always popular. She also spoke with a New York accent referencing the speaking style of these classic cartoon characters. Her hair was similar to Mickey's ear; whatever direction he met he still remains on the plan in mind. While his original form looked like Mickey's new form looked like the Oswald Rabbit, a character created by Iwerks and Walt Disney which was the predecessor to Mickey. Oswald was less popular but returned to the promination of Epic Mickey. Epinel also seemed to be inspired by or at least meant to be a court gesture of sorts, which she created forbidden to entertain royalty. His jerk ability was similar to Jake Chen's out of adventure time that cycles history history before leaving. They could also be a nod to Monkey D. Luffy and Bellamy from a Piece that was a big fan and used as inspiration for his show. Spinel even appeared to attack similar to Luffy and the Bellamy. His design and personality were also recalled of Harley Quinn from DC Comic as they both had similar appearances modeled after jesters or brown and herratically violent but disturbing personality plays. Her transformation back to lifestyle changed it was similar to magic girl transformations like those seen in Sailor Moon. In addition, the heart-shaped bread shaped her hair in her original form appeared recently Chibi from the show asfoted there. His name was attitude in some of the earlier promotion materials where he was gemstone was turning. Gemstone's turn of the promo was also most likely a reference to his gemstone that was revealed to be turned upside down. Spinel is the only gem besides his diamond turning his gemstone position: Like Bismuth, Carnelian, Holly Blue Agate and Emerald he's the only gem-type man he must see in full detail. The Associate Spinel's instrument is distorting Mellotron strings. [4] In turn real life they believe in negative energy dispensations of purification in addition to increasing creativity and preserving the youth. While the former aspect could be analogous to her old personality might be glass being an ironic jab towards her use of the Rejuvenator. Several notable turns have been used as crown jewelry to provide important associations with close connections and royalties similar to the character's connection to Diamond Pink. In original /Recipes formed three facilities to its above its eyes. In his form now those lines are now thicker and below his eyes. In addition to references he rotated the gemstone even though mascara runs out of tears. He was one of Gems some hostile sides in Lapis, Peridot, Bismuth, Squaquaridot and Hessonite totally, if not immediately recognized Steven as his own individuals opposed an extension for Rose Quartz and/or Pink Diamond and understood he wasn't nor pink from the get-go the same other Crystal And Homeworld Gems themselves initially had difficulty distinguishing them. At the top of his original Spinel design would also make a giant heart. The Gemstone Image Description of Spinel is located on its chest. His shape is the contents of a symbol that upside-down. In Spinel's original form forms her jemstone is also located on her chest. Its shape is that of a symbol that, as in its current shape except it is right-side up. References v • e Homeworld Gems v • Content Community Gems are available under CC-PA-SA unless otherwise noted. noted.

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