Warning: this version was completed with Google Translate, it certainly contains errors or inaccuracies.

Technical data sheet – general: Phosphosiderite

Gemma –	(Italian - Fosfoside	erite)	(German - Phosphosiderite	;)	photo		
names	(English - Phosphos		-al) الفوسفوسيدريت - Arabic)		φσ.		
Hames	(French - Phosphos		fōsfōsīdīrīt)				
	(Spanish Fosfoside		(Russian - фосфосидери	T			
	(Portuguese		(fosfosid é rit)				
	Phosphosiderit		(Mandarin -磷酸铁矿 (língsuð	an Maria			
	(Thai - ฟอสฟอไซไดร์ ((†OS-†O-	tiěkuàng)	17343			
	sai-dai) (Hindi - फॉस्फोसाइर	नेगरन	(Swahili - Fosfosiderite)	Control of the Contro	100		
		-					
Colors (GIA)	(phōsphosaidēraīt)						
Colors (GIA)	Its typical colors include purple, pink, whitish, red, red- purple, reddish-purple, pink-red, peach-pink, and, less						
	1		rish, brownish-yellow, ar				
		-	siderite is easily soluble				
	hydrochloric acid.	•	sideme is easily soluble	"'			
Cause of			agnosa obramium Its s	olor ogn h	as influenced by the		
Cause of		-	ganese, chromium. Its c	color can t	be inilitericed by the		
Color			usions of other minerals.	arita ara ira	- (Fo) and		
		-	e elements of phosphosid				
	(Mn). Iron has an ionic valency of Fe +2 or Fe +3, while manganese has an ionic valence of Mn +2 or Mn +4. The color of phosphosiderite depends on the combination of the ionic valences of these						
			nosiderite crystals are ge	•			
			generally pink or purple				
	_	_	generally yellow in color, v	while phosp	hosiderite crystals with		
	manganese Mn 4+ 0						
	·		r than Fe 3+ iron phosphosiderite	_	·		
			manganese phosphoside	erite . Phosp	hosiderite is a dimorph		
	of strengite , a fairly rare iron phosphate mineral.						
	or sireligite, a fairi	y raio iion	pnospnate mineral.				
	Idiochromatic (Ir	on) and A	pnospnate minerai. <mark>Allochromatic (manga</mark> i	nese) Gem			
Classification		on) and A	-	nese) Gem	Variety		
Classification	Idiochromatic (Ir	on) and A	Allochromatic (mangar	nese) Gem			
Classification	Idiochromatic (Iro Mineral clas	on) and A	Allochromatic (mangar Species — Group (mineral)	nese) Gem			
	Idiochromatic (Iro Mineral clas Phosphate	on) and A	Allochromatic (mangar Species – Group (mineral) Phosphosiderite - Vivianite	nese) Gem			
Optical	Idiochromatic (Ira Mineral clas Phosphate Specific	on) and A	Allochromatic (mangar Species – Group (mineral) Phosphosiderite - Vivianite RI: 1,612-1,622	Characte	Variety Pleochroism		
	Idiochromatic (Ira Mineral clas Phosphate Specific Gravity:	on) and A	Allochromatic (mangar Species – Group (mineral) Phosphosiderite - Vivianite RI: 1,612-1,622 Dlariscope : ADD	•	Variety Pleochroism Dichroic: red-		
Optical	Mineral class Phosphate Specific Gravity: 3.21-3.35	on) and A	Allochromatic (mangar Species – Group (mineral) Phosphosiderite - Vivianite RI: 1,612-1,622 Dlariscope : ADD gence: 0.006 (generally	Characte roptical Uniaxial	Variety Pleochroism Dichroic: red- orange and green-		
Optical	Mineral class Phosphate Specific Gravity: 3.21-3.35 Municipality: 3.28	on) and A	Allochromatic (mangar Species – Group (mineral) Phosphosiderite - Vivianite RI: 1,612-1,622 Dlariscope : ADD gence: 0.006 (generally not measurable)	Characte roptical Uniaxial positive	Variety Pleochroism Dichroic: red- orange and green- yellow		
Optical	Idiochromatic (Iro Mineral clas Phosphate Specific Gravity: 3.21-3.35 Municipality: 3.28 Luster (lust	on) and A ss F P Birefring ter) – luster	Allochromatic (mangar Species – Group (mineral) Phosphosiderite - Vivianite RI: 1,612-1,622 Dlariscope : ADD gence: 0.006 (generally not measurable) r of the fracture	Characte roptical Uniaxial positive	Pleochroism Dichroic: redorange and greenyellow spersion (fire)		
Optical properties	Idiochromatic (Iranina Mineral class Phosphate Specific Gravity: 3.21-3.35 Municipality: 3.28 Luster (lust Vitree	on) and A ss F P Birefring ter) – luster Dus to pear	Allochromatic (mangar Species – Group (mineral) Phosphosiderite - Vivianite RI: 1,612-1,622 Dlariscope : ADD gence: 0.006 (generally not measurable) r of the fracture urly - vitreous	Characte roptical Uniaxial positive	Variety Pleochroism Dichroic: red- orange and green- yellow spersion (fire) 0.014		
Optical	Idiochromatic (Ira Mineral clas Phosphate Specific Gravity: 3.21-3.35 Municipality: 3.28 Luster (lust Vitreo	on) and A ss F P Birefring ter) – luster bus to pear	Allochromatic (mangar Species – Group (mineral) Phosphosiderite - Vivianite RI: 1,612-1,622 Dlariscope : ADD gence: 0.006 (generally not measurable) r of the fracture urly - vitreous	Characte roptical Uniaxial positive	Pleochroism Dichroic: redorange and greenyellow spersion (fire) 0.014 sphorescence		
Optical properties	Idiochromatic (Ira Mineral clas Phosphate Specific Gravity: 3.21-3.35 Municipality: 3.28 Luster (lust Vitrec	on) and Ass From Birefring ter) – luster bus to pear Fluoresce VUV (254 nm)	Allochromatic (mangar Species – Group (mineral) Phosphosiderite - Vivianite RI: 1,612-1,622 Dlariscope : ADD gence: 0.006 (generally not measurable) r of the fracture urly - vitreous	Characte roptical Uniaxial positive	Variety Pleochroism Dichroic: red- orange and green- yellow spersion (fire) 0.014		
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Optical properties Light Form Chemical formula	Idiochromatic (Ira Mineral clas Phosphate Specific Gravity: 3.21-3.35 Municipality: 3.28 Luster (lust Vitreo SW LW Crystalline o Prismatio Melting point: 1 Iron (III)	on) and A ss F Po Birefring ter) – luster Dus to pear Fluoresce JUV (254 nm) VUV (365nm) dress C 1250 °C phospha	Allochromatic (mangar Species – Group (mineral) Phosphosiderite - Vivianite RI: 1,612-1,622 Dlariscope : ADD gence: 0.006 (generally not measurable) r of the fracture urly - vitreous ence): Absent : Absent Phenomenal optic effects Nobody	Characte roptical Uniaxial positive Discrete Photostal Control Contro	Pleochroism Dichroic: red- orange and green- yellow spersion (fire) 0.014 sphorescence Absent Crystalline system Monoclinic Crystal class trometer image		

Durability	Hardness (Mohs) - Absolute	Toughness	Stability (heat, light, chemicals)			
Dorability	3.5 to 5.5 (variable); 15-60	Good	Good (sensitive to light and			
	(heat)			
Clarity -	Typical inclusions: Being a translucent or opaque stone, the inclusions are					
characteristics	mostly considered as designs v	vith a more or less positive o	aesthetic value.			
	Stains may be present.					
			Screziature			
	Type III	Transparency (com	nmercial) - diaphanity			
	Typically included		cent to opaque			
Deposits -	It is typically found in hydroth					
types of rocks	mineral deposits that form whe					
, , , , , , , , , , , , , , , , , , ,	Pegmatites are intrusive rocks	_	· · · · · · · · · · · · · · · · · · ·			
	often found in association with					
	rockbridgeite. It can also be for	ound in association with other	ner minerais, such as quartz,			
	mica and hematite. Geological age : 2.5-3.4 billion years					
Characteristics of	Prismatic crystals of red, pink, p		ally occurs in small crystals or			
rough stones	aggregates.	o.p.o, g.oon or jono	a, decess in sirial drysials of			
Main depots	Major deposits include Hagend	dorf and Pleystein in Bavaric	a (Germany), Mangualde in			
	Portugal , Chanteloube near					
	Sardinia, Pala in California (Uni	ted States) and several min	nes near North Groton in New			
	Hampshire					
Va ave af	Other deposits are found in Chi					
Year of	1858: Phosphosiderite was first Cloizeaux. It was officially publis					
discovery	Busz, they called it "phosphosid	• •	and kan heli lich Emil Georg			
History	Phosphosiderite was discovered		equently been found in other			
,	parts of the world, including Argentina, Germany, Portugal, and the United States.					
	Alfred LaCroix introduced the term " vilateite" in 1910, while Duncan McConnel					
	described " clinobarrandite" in 1940 . "Metastrengite" was coined by Palache, Berman					
	and Frondel in 1951 as the original phosphosiderite had been described as an orthorhombic mineral.					
		composition, being a phosi	ohate from the Greek terms			
	Name : due to its chemical composition, being a phosphate from the Greek terms "φωσφόρος" (phosphoros) – phosphorus, and "σίδηρος" (sideros) meaning iron.					
	Other trade names: Phosphosiderite is also known as vilateite and clinobarrandite.					
	However, these names are less common than the official one. It is also sometimes called					
	'PiedreaVoga', meaning pink stone, and 'La Rosa Voca', meaning pink rock.					
Attributed	Variety:/ Phosphosiderite is associated w	vith metanhysical properties	s of forgiveness compassion			
properties	and self-love. It is believed to help release stress and anxiety and promote emotion					
proportion of	healing. It can also be used to promote emotional healing. For some people, this stone					
	helps connect to other realms or planes of existence, especially those of the afterlife.					
	Planet: Mars					
	Month: October Zodiac si	i gn: Aries				
T	Chakras: Heart, third eye,	Clina I a la anti-mand Cadal				
Treatments	Generally untreated, but is sensitive to heat and light. There is no commercially common synthetic counterpart of phosphosiderite.					
Synthetic counterpart	There is no commercially contin	ion symmetic courtierpair o	i priospriosidenie.			
May be	Generally uncommon, it is diffic	cult for it to be mistaken for	other stones or to be used as			
confused with	Generally uncommon, it is difficult for it to be mistaken for other stones or to be used as an imitation. It can, however, be confused with other red, pink, purple, green or yellow					
55 5000 Willi	hydrothermal minerals, such a					
	purple of phosphosiderite can	easily be confused with ot	her similarly colored crystals,			
	such as lepidolite . Both have					
	However, there are some key differences between phosphosiderite and lepidolite that					
	can help you distinguish them. Color-wise, lepidolite is more similar to amethyst than phosphosiderite. Furthermo					
	lepidolite exhibits fluorescence,	The state of the s	The state of the s			
		, TIMO PROSPROSIGORIO GOO.	- 1101, LOPIGOIIIO 13 COITIPO3EU			

	of mica, while phosphosiderite is composed of iron and phosphorus. Another distinction is that phosphosiderite is slightly harder than lepidolite.				
Indicative gemological tests	Generally it is not tested, given the low cost and the scarcity of material on the market.				
Value (2021)	High : 50+ \$/c†	Medium: \$ 10-50 /ct	Low: \$5-10/ct		
	3 carats+	1-3 carats	under the carat		
Typical cut	Phosphosiderite is cut into a variety of shapes, including cabochon, faceted, and pearl stone cut.				
Famous stones	There are no known phosphosiderite stones.				
Record stones	The largest phosphosiderite stone ever recorded is a 10.5 centimeter long crystal found in Chile. The most expensive phosphosiderite stone ever sold is a 5-carat cabochon sold for \$2500.				