

**Crystal Data:** Orthorhombic. *Point Group:* 2/m 2/m 2/m.

**Physical Properties:** *Cleavage:* *Tenacity:* *Fracture:*  
Hardness = D(meas.) = D(calc.) =

**Optical Properties:** *Color:* *Streak:* *Luster:*  
*Optical Class:*

**Cell Data:** *Space Group:* Pnma.  $a = 5.8020(7)$   $b = 3.5933(4)$   $c = 6.7558(8)$

**X-Ray Diffraction Pattern:** Daba-Siwaqa metamorphic complex, Transjordan Plateau, Jordan.  
2.265 (100), 2.142 (55), 2.100 (35), 1.796 (31), 1.909 (21), 1.811 (19), 2.201 (16), 1.860 (15)

**Chemistry:**

**Polymorphism & Series:** A dimorph of transjordanite.

**Mineral Group:**

**Occurrence:**

**Association:**

**Distribution:** From the Daba-Siwaqa metamorphic complex, Transjordan Plateau, Jordan.

**Name:**

**Type Material:** A.E. Fersman Mineralogical Museum, RAS, Moscow, Russia (5408/1).

**References:** (1) Miyawaki, R., F. Hatert, M. Pasero, and S.J. Mills (2019) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 51. Mineral. Mag., 83, 758-759 IMA No. 2019-039 [undisclosed name = orishchinite].