

## ZrS3 nanosheets 三硫化锆纳米片

产品名称	ZrS3 nanosheets 三硫化锆纳米片
公司名称	上海恩莱保贸易有限公司
价格	.00/个
规格参数	
公司地址	上海市松江区金高路2388号813室
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### 产品详情

Environmentally stable anisotropic transition metal trichalcogenide material ZrS3 is available at 2Dsemiconductors USA. ZrS3 is a layered material like MoS2 and other layered systems, except that it exhibits highly anisotropic crystalline structure and material properties (Like ReS2 or TiS3). The presence of the crystalline anisotropy results in direction dependent properties like thermal conductivity, electronic mobility, and excitonic binding energies. In a typical order, a large number of layered needle like sheets are contained in a capsule sealed under Argon environment. Crystals have been characterized by TEM, XPS, SIMS, Raman, and XRD and possess perfect 1:3 stoichiometry and defect density less than 1 defects / 10,000 unit cells.

Crystal size ~ 0.4-0.6 cm

Material characteristics

Thermoelectric IR semiconductor  
High carrier mobility semiconductor  
2D anisotropic semiconductor  
2D Catalytic material