



LUOYANG SHENYU MOLYBDENUM CO., LTD

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Molybdenum disulfide is a grayish-black powdery solid with a layered hexagonal crystal structure. As an excellent solid lubricant, it is widely used in lubricating greases, powder metallurgy, modified plastics, surface spraying and other fields.

Luoyang Shenyu Molybdenum Industry classifies its molybdenum disulfide products into four major grades based on particle size. We also provide customized production services to meet clients' specific requirements.

规格	Large Particle Size	Technical Grade	Technical Fine	Super Fine
MoS ₂ % ≥	98.0			
Median particle size D50 um	16.0-30.0	12.0-16	3.0-6.0	<1.5
Acid-insoluble matter % ≤	0.50	0.50	0.50	0.50
MoO ₃ % ≤	0.05	0.05	0.10	0.15
SiO ₂ % ≤	0.10	0.10	0.10	0.10
Fe % ≤	0.25	0.25	0.25	0.25
H ₂ O % ≤	0.10	0.10	0.10	0.15
Oil % ≤	0.40	0.40	0.40	0.40
C % ≤	0.50	0.50	0.50	0.50
Acid Value % ≤	0.50	0.50	0.50	2.0

The acid value is tested before delivery. During storage, slight oxidation will cause the acid value to rise gradually. In addition, products with finer particle sizes are more susceptible to oxidation.

Package Type		Net Weight	Drums/Bags per Pallet	Total Net Weight per Pallet
A	Fiber Drum, Double Liner	25kg	18	450kg
B	Steel Drum with Liner	100kg	4	400kg
D	Kraft Paper Bag	25kg	20-24	500-600kg