



FRP Services & Co.

MOLY METAL LLP

DESCRIPTION

Moly di sulphide is an extreme pressure lubricant additive powder available in three grades - Technical, Technical Fine and Super Fine.

MoS₂ content [calculated average] is min 98%.



SPECIFICATION

Moly Di Sulphide Grade	Max % by wt Technical	Max % by wt Technical Fine	Max % by wt Super Fine
Acid Insoluble	0.50	0.50	0.50
Iron	0.30	0.30	0.30
Molybdenum Trioxide	0.05	0.05	0.15
Water	0.02	0.05	0.15
Oil	0.30	0.40	0.40
Carbon	1.50	1.50	1.50
Acid Number [TAN]	0.05	0.25	0.5

TYPICAL PARTICLE SIZE AND BULK DENSITY

Moly sulphide Grade	Fisher Number μm	Particle Size Range by SEM, μm	Median Particle Size, μm^{**}	Bulk Density
Technical*	3 to 4	<1 to 100	30 - 35	2 to 2.1 g/ml
Technical Fine	0.7 to 0.85	<0.5 to 20	4 - 7	0.71 to 0.85 g/ml
Super Fine	0.45 to 0.55	<0.5 to 8	1 - 2	0.6 to 0.67 g/ml

*Sieve analysis [British Sieve Series] 100% through 100 mesh

**Microtrac / Malvern