

Typical Product Specifications & Properties

Molybdenum Disulfide

CAS Number: : 1317-33-5

Specifications	Limits
Density	4.8 gcm ³
MoO ₃	0.05% max
Acid Number	0.05
Acid insolubles	0.50% max
Oil	0.05% max
C	1.50% max
Grade	Technical
MoS ₂	98.0% min
Fe	0.25% max
H ₂ O	0.02% max
Particle Size	30 um
Insolubility	in water, dil. acids, org. solvs.

Specifications	Limits
Odor	odorless
Melting Point	2375 c
Molecular weight	160.08
Solubility	aqua regia, conc. sulfuric acid
Chemical Structure	