Typical Product Specifications & Properties

Molybdenum Disulfide

CAS Number: : 1317-33-5

Specifications	Limits
Density	4.8 gcm3
MoS2	98.0% min
Fe	0.25% max
H2O	0.02% max
Particle Size	30 um
MoO3	0.05% max
Acid Number	0.05
Acid insolubles	0.50% max
Insolubility	in water, dil. acids, org. solvs.
Solubility	aqua regia, conc. sulfuric acid
Chemical Structure	
Oil	0.05% max

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Specifications	Limits
C	1.50% max
Grade	Technical
Odor	odorless
Melting Point	2375 c
Molecular weight	160.08

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