



TECHNICAL DATA SHEET



MAGNESIUM STEARATE

GRADE PO

Chemical Name	: Magnesium Octadecanoate	Molecular Weight	: 591 g mol ⁻¹
CAS Number	: 557-04-0	Product Form	: White Fine Powder
EINECS Number	: 209-150-3	Packaging	: 25Kgs. PP Bags or Laminated Paper Bags with extrainer Polyliner.
HS Tariff Number	: 2915.70	Storage Conditions	: Store in a cool & dry location and in well-ventilated area.
Chemical Formula	: C ₃₆ H ₇₀ MgO ₄		
Features/Benefits	: With low ash content, this grade is manufactured for use in Plastic industry.		

SPECIFICATIONS

PROPERTIES	UNIT	LIMIT
Appearance	-	White powder
Ash (as MgO)	%wt.	6.8 – 8.3
Free Fatty Acid	%wt.	1.5 max.
Moisture	%wt.	4.0 max.
Melting point	oC	135 – 150
Bulk density Typical	gm./l	400 max.
Sieve Residue	325 Mesh	1% (Retained)