



Pentagon Chemicals

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SPECIFICATION : MAGNESIUM STEARATE

TYPICAL PHYSIO-CHEMICAL PROPERTIES

PROPERTY	UNIT	RESULT PREMIUM GRADE
Colour & Appearance	-	White Free Flowing Powder
Bulk Density 1,3 – Loose		0.25
Compact*	gm/cc	0.32
Moisture (105°C)2	%	<4.0
Electrolytes	%	<1.0
Residue on 200 mesh 5	%	<0.2
Melting Point	°C	130±10
Softening Point	°C	95-105
Melt Quality	--	transparent
Mg content	%	4.0-5.0
Fe content	Ppm	max 80
Heavy metals as Pb	Ppm	max 20
Free fatty matter	%	<1.0
Nickel	Ppm	max 5

For **PENTAGON CHEMICALS**

-Sd-

Authorized Signatory