

# MMP Industries Limited

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## TECHNICAL DATA SHEET

**Product Name** : Aluminium Powder for Phosphide

**Grade** : Alphos - S

**Product Description** :

Coarse grade of flake Aluminium powder is non-ignitable and with controlled fatty acid content. It reacts with phosphorus in the production of Aluminium phosphide (used as fumigant in the grain storage godowns).

Characteristics	Test Method	Specification
Free Al. Purity % (min.)	IS-438	93.5
Wet Sieve Analysis Retention on 45µm % (max)	ISO-1247	55 TO 65
Water Coverage Area cm <sup>2</sup> /gm	IS-438	2000 TO 5000
Fatty Acid % (max.)	IS-438	3
Apparent Density gm/cc	In House	0.30 - 0.34
Particle Size Distribution D50 (µm)	Sympatec (Helos BF/BR - Magic)	70 - 75
Ignitability	In House	Non- ignitable

\*Aluminium product is made out of aluminium ingots of 99.7% min purity.

Wet sieving with mineral spirit as rinsing liquid.

**Standard packing:** 35 kg net content in HDPE bags with antistatic liner.

*The data on this technical data sheet correspond with the current status of our knowledge & experience. The liability for the application and processing of our products lies with the buyer, and he is also responsible for observing any third party rights. We reserve the rights to alter any product data as a result of technical progress or further developments in the manufacturing process.*