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TECHNICAL DATA SHEET

Product Name : Aluminium Powder for Phosphide

Grade : Alphos - U

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	94
Wet Sieve Analysis Retention on 45µm % (max)	ISO 1247	55 TO 65
Water Coverage Area cm ² /gm	IS-438	2500 TO 4500
Fatty Acid % (max.)	IS-438	1
Apparent Density gm/cc	In House	0.28 - 0.35
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.

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