

# MMP Industries Limited

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## TECHNICAL DATA SHEET

**Product Name** : Aluminium Powder for Pyrotechnic

**Grade** : F-136

**User Application** : Ground Commet

**Product Description** :

Milled flake Aluminium powder is used in manufacture of fancy and sound firecrackers. Different grades are produced to match with its application. These powders are highly sensitive and hence used for light emitting fancy as well as sound producing firecrackers.

Characteristics	Test Method	Specification
Free Al. Purity % (min.)	IS-438	90.0
Wet Sieve Analysis Retention on 45µm % (max.)	ISO 1247	25
Water Coverage Area cm <sup>2</sup> /gm	IS-438	9000 TO 10000
Fatty Acid % (max.)	IS-438	2.0
Bulk Density gm/cc	In House	0.13 TO 0.16
Particle Size Distribution D50 (µm)	Sympatec (Helos BF/BR - Magic)	28 - 33

Wet sieving with mineral spirit as rinsing liquid.

**Standard packing:** 30 kg net content in MS drums duly painted inside and outside with Aluminium paint.

*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.*