



Technical Data Sheet

ALUMINIUM POWDER (FLAKE)

Trade Mark: FF05

Characteristics	UOM	*Test Method	Specification
<u>Sieve analysis:</u>			
Residue on Sieve 150 µm	%	ASTM B-214	55 min
Apparent Density	g/cc	M/QA/SOP/004	0.350 - 0.550
Burning Property	sec	M/QA/SOP/009	Nil
Matter Soluble in organic solvent	%	M/QA/SOP/006	3 max
Active Aluminium content	%	M/QA/SOP/016	91 min
Acid Insoluble	%	M/QA/SOP/044	0.1 max
Iron	%	M/QA/SOP/028	3 max

* M/QA/SOP/004, M/QA/SOP/009, M/QA/SOP/006, M/QA/SOP/016, M/QA/SOP/044 & M/QA/SOP/028 are based on In-house, In-house, ISO-1247, IS: 438, DRDO procedure & Atomic Absorption Spectroscopy respectively.

FF 05 Pyrotechnic lamellar Aluminium Powder made out of primary high pure Aluminium ingot of > 99.7 % purity, by atomization of molten Aluminium liquid, followed by safe dry ball milling process, used for making Pencil, Twinkler and Chakras in Fireworks applications to replace commercial sieve-thools. In addition to pyrotechnics (to produce certain effects), application areas are primarily found in the chemical industry.

The data on this technical information sheet correspond with the current status of our knowledge and 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 right to alter any product data as a result of technical progress or further developments in the manufacturing process.

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