

# Technical Data Sheet

## ALUMINIUM POWDER (FLAKE)

### FLOWER POT

Trade Mark: LD333

Characteristics	UOM	*Test Method	Specification
<u>Sieve analysis:</u>			
Residue on Sieve 250 $\mu$ m	%	M/QA/SOP/003	2 max
Passing through sieve 45 $\mu$ m	%	M/QA/SOP/003	35 - 50
Apparent Density	g/cc	M/QA/SOP/004	0.080 – 0.110
Burning Property	sec	M/QA/SOP/009	Nil
Matter Soluble in organic solvent	%	M/QA/SOP/006	1.0 max
Active Aluminium content	%	M/QA/SOP/016	94 min
Acid Insoluble	%	M/QA/SOP/044	0.1 max
Total metallic impurities (Fe+Cu+Mn+Mg+Zn+Si)	%	M/QA/SOP/028	1.0 max

\* M/QA/SOP/003, 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 ISO-1247, ASTM B-417, In-house, ISO-1247, IS: 438, DRDO procedure & Atomic Absorption Spectroscopy respectively.

333 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 Flowerpots in Fireworks applications

*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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