



# Technical Data Sheet

## ALUMINIUM POWDER

### LIGHT GRADE

Trade Mark: LI55

Characteristics	UOM	*Test Method	Specification
<u>Sieve analysis:</u> Passing through sieve 45 µm	%	M/QA/SOP/003	75 - 90
Apparent Density	g/cc	M/QA/SOP/004	0.070 - 0.130
<u>Burning Test</u> Spreading time	sec	M/QA/SOP/009	40 - 80
Glowing time	sec	M/QA/SOP/009	10 - 30
Matter Soluble in organic solvent	%	M/QA/SOP/006	1 max
Active Aluminium content	%	M/QA/SOP/016	89 min

\* M/QA/SOP/003, M/QA/SOP/004, M/QA/SOP/009, M/QA/SOP/006 & M/QA/SOP/016 are based on ISO-1247, ASTM B-417, In-house, ISO-1247 & IS: 438 respectively.

LI – 55 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, for the ordnance application.

*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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