



Technical Data Sheet

ALUMINIUM POWDER

SLURRY SPECIAL

Trade Mark: SL77

Characteristics	UOM	*Test Method	Specification
<u>Sieve analysis:</u> Passing through sieve 45 µm	%	M/QA/SOP/003	85 - 95
Apparent Density	g/cc	M/QA/SOP/004	0.120 - 0.160
<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	3 - 4
Water Covering Capacity	cm ² /g	M/QA/SOP/020	8000 - 12000
Active Aluminium content	%	M/QA/SOP/016	87 min
Wettability Test	Minutes	M/QA/SOP/061	15 min

* M/QA/SOP/003, M/QA/SOP/004, M/QA/SOP/009, M/QA/SOP/006, M/QA/SOP/020, M/QA/SOP/016 & M/QA/SOP/061 are based on ISO-1247, ASTM B-417, In-house, ISO-1247, ISO-1247, IS: 438 & In-house method respectively.

SL-77 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 mining explosives application, in safe explosives or slurry explosives primarily used for sensitizing the explosive compounds, generates high stability due to good hydrophobing characteristics.

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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