

PYROTECHNIC ALUMINIUM POWDER

FIREWORKS APPLICATION

Product: 666-O

Characteristics	UOM	Test Method	Specification
<u>Sieve analysis:</u> Passing thro 45 µm	%	ISO-1247	60 - 75
Apparent Density (loose pouring)	g/cc	In-house	0.09 – 0.12
Tap Density	g/cc	ISO-3953	0.27 – 0.35
<u>Burning property</u> Spreading Glowing	sec sec	In-house	40 – 80 10 – 30
Fatty matter	%	ISO-1247	1.5 max
Total metallic impurities (Fe+Cu+Mn+Mg+Zn+Si)	%	AAS	1 max
Active Aluminium content	%	IS-438	90 min
Total Aluminium	%	Volumetry	94 min
D50	µm	Malvern-2000	35 typical

666-0 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 Candles, Chakras, Pencils, Sparklers, Stars, Twinklers, Chorsa crackers, Fancy fireworks etc 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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Page 1 of 1