

PYROTECHNIC ALUMINIUM POWDER

FIREWORKS APPLICATION

Product: FP 33

Characteristics	UOM	Test Method	Specification
<u>Sieve analysis:</u> Retention on 250 µm Passing thro 45 µm	% %	ISO-1247	2 max 35 – 50
Apparent Density (loose pouring)	g/cc	In-house	0.13 – 0.16
Tap Density	g/cc	ISO-3953	0.32 – 0.38
Burning property	sec	In-house	Nil
Fatty matter	%	ISO-1247	1 max
Total metallic impurities (Fe+Cu+Mn+Mg+Zn+Si)	%	AAS	1 max
Active Aluminium content	%	IS-438	94 min
Total Aluminium	%	Volumetry	96 min
D50	µm	Malvern-2000	55 typical

FP 33 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.

MEPCO

Thirumangalam,
Madurai
PIN: 625706
Tamilnadu, India
Phone: + 91 4549 280599
Fax: +91 4549 281273

E-mail: info@mepco.co.in
Web: www.mepco.co.in

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Page 1 of 1