

ATOMIZED ALUMINIUM POWDER-UNCOATED

Product: DU

| Characteristics | UOM | Test Method | Specification |
|--|----------------------|-------------|--|
| <u>Sieve analysis:</u> +75µm -75+45µm -45µm | % % % | ASTM B-214 | 3 max Balance 85 min |
| <u>Chemical analysis:</u> Iron Silicon Other metallic impurities (Cu+Mn+Mg+Zn) Aluminium (by dif)* | % % % % | AAS | 0.35 max 0.15 max 0.05 max 99.5 min |
| Active Aluminium content | % | IS-438 | 98.0 min |

*(exclusive of total metallic impurities and inclusive of oxides of aluminium)

Made out of primary high pure Aluminium ingot of > 99.7 % purity, by air atomization, irregular in shape, used for the applications like Abrasives, Aluminium pigments, Bright light / Colored fireworks, Bright-light silvery effect aerial shots, Bright silver sparklers, Chemicals, Cold soldering, Epoxy & Vinyl adhesives, Fireworks in bright-light silvery effect aerial shots/bright silver sparklers making, Joining, Missile / Rocket solid propellant fuel, Ordnance, Powder metallurgy, Slurry explosives, Titanium dioxide purification etc.

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