

## Aluminium Powder-Uncoated

### Product: DUR

| Characteristics                 | UOM | Test Method         | Specification     |
|---------------------------------|-----|---------------------|-------------------|
| <b>Sieve Analysis</b>           |     | <b>M/QA/SOP/005</b> |                   |
| + 75 $\mu$ m                    | %   |                     | 10.0 max.         |
| - 75 + 45 $\mu$ m               | %   |                     | Balance.          |
| - 45 $\mu$ m                    | %   |                     | 70 – 85           |
| <b>Metallic Impurities</b>      |     |                     |                   |
| Iron                            | %   | M/QA/SOP/028        | 0.35 max.         |
| Silicon                         | %   | M/QA/SOP/028        | 0.15 max.         |
| Copper                          | %   | M/QA/SOP/028        | 0.01 max.         |
| Manganese                       | %   | M/QA/SOP/028        | 0.01 max.         |
| Magnesium                       | %   | M/QA/SOP/028        | 0.01 max.         |
| Zinc                            | %   | M/QA/SOP/028        | 0.01 max.         |
| Sodium                          | %   | M/QA/SOP/028        | 0.01 max.         |
| <b>Aluminium Content</b>        | %   | <b>M/QA/SOP/049</b> | <b>99.50 min.</b> |
| <b>Active Aluminium Content</b> | %   | <b>M/QA/SOP/016</b> | <b>98.00 min.</b> |

M/QA/SOP/005 based on is 5461, M/QA/SOP028 & 049 based on AAS and M/QA/SOP/016 based on IS 438

Made out of primary high pure Aluminium ingot of > 99.7 % purity, by air atomization, irregular in shape, used for the applications like Aluminium pigments, Automobile parts, Brake linings, Chemicals, Deoxidizer, Diamond tools, Exothermic reaction in steel plant, Fireworks applications (for making Fountains/Bright silver sparklers/Bright-light silvery effect aerial shots), Foundry fluxes, Missile solid fuels, Ordnance, Plastic products, Powder metallurgy, Refractory bricks, Sintering, Slurry explosives, Thermit welding, Welding electrodes etc

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