CALCINED ALUMINA MDS

Calcined Alumina MDS is well suited for oxide ceramics even with very high Al_2O_3 content, especially shaped products subjected to extremely high mechanical, thermal, chemical and electrical loads; high efficiency wear-resistant parts for a wide variety of industries.

TYPICAL ANALYSIS

(Al_2O_3)	≈ 99.8%
(Na_2O) Total	≤ 0.06%
(CaO)	≈ 0.03%
(Fe_2O_3)	≈ 0.02%
(SiO_2)	≈ 0.05%
α Al_2O_3	≈ 95%
Loss on Ignition	≤ 0.1%
Specific Surface Area (BET)	0.5-0.65 m^2/g
Primary Crystal	≈ 4 µm
Bulk Density	≈ 750 kg/m^3

TYPICAL PARTICLE SIZE DISTRIBUTION

> 106 µm	15-40 %
106-63 µm	40-60 %
63-45 µm	2-15 %
< 45 µm	0-20 %

PANADYNE

ISO 9001:2008 QSR-976

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