



Product Data

10/05: 5010

20 MESH DMFC

Description: 20 MESH DMFC is a dry, granular, plastic fireclay. This is used as a granular raw material as required in industry.

Physical Properties: (Typical)

Pyrometric Cone Equivalent
Orton Standard Cones 31 ½

Quantity Required to lay 1,000 9 x 4 ½ x 2 ½"
(2292 x 114 x 63 mm) Brick
Dipping Consistency 475 lbs. 216 kg

Particle Size (Dry)
Maximum Retained on 12 Mesh (1.40mm opening) Less than 1.0%
Maximum Retained on 16 Mesh (1.00mm opening) Less than 2.0%
Typical Through 100 Mesh (0.15mm opening) 75%

Chemical Analysis: (Approximate)
(Calcined Basis)

Silica	(SiO ₂)	57.9%
Alumina	(Al ₂ O ₃)	36.0
Iron Oxide	(Fe ₂ O ₃)	2.2
Lime	(CaO)	0.3
Magnesia	(MgO)	0.4
Titania	(TiO ₂)	1.9
Alkalies	(Na ₂ O + K ₂ O)	1.3

The test data shown are based on average results on production samples and are subject to normal variation on individual tests. Accordingly, test data cannot be taken as establishing maximum or minimum specifications. ASTM test procedures used when applicable.