

# 20 MESH DMFC



## Product Data

2/08: 5010

Description: Dry milled plastic fireclay

### Chemical Analysis: Approximate (Calcined Basis)

Silica (SiO <sub>2</sub> )	58.7%
Alumina (Al <sub>2</sub> O <sub>3</sub> )	35.5%
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	2.0%
Titania (TiO <sub>2</sub> )	1.9%
Magnesia (MgO)	0.4%
Lime (CaO)	0.3%
Alkalis (Na <sub>2</sub> O + K <sub>2</sub> O)	1.2%

### Physical Data (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 0.2%
Maximum Retained on 16 Mesh (1.00mm opening)	Less than 0.5%
Typical Through 100 Mesh (0.15mm opening)	75%

Note: The test data shown are based on average results on production samples and are subject to normal variation on individual tests. The test data cannot be taken as minimum or maximum values for specification purposes. ASTM test procedures used when applicable.