



**Manufacturing Standard
Specifications
Version: 161115
JF 752-3060 Ultra Clear
Fuller's Earth Attapulgite Clay**

PHYSICAL PROPERTIES

Bulk Density	34.1 Pound per Cubic Foot
Free Moisture	0 Percent
Wet Breakdown	<1 Percent
Dry Breakdown	<25 Percent
Oil Retention	>75 Percent
Water Retention	>100 Percent
Volatile Classification	LVM
Loss on Ignition @ 1000C	<4.6 percent
PH	7.0
Hardness	80
Particle Count	8.0 – 10.0 million / pound

PARTICLE SIZING

>30 Mesh (0.600mm)	<0.4 Percent
<30 Mesh (0.600mm) >60 Mesh (0.250mm)	<99.2 Percent
<60 Mesh (0.250 mm)	<0.3 Percent
<100 Mesh (0.150 mm)	<0.1 Percent

CHEMICAL ANALYSIS

Silica (SiO ₂)	70.85 percent
Aluminum (Al ₂ O ₃)	14.06 percent
Iron (Fe ₂ O ₃)	5.34 percent
Calcium (CaO)	1.62 percent
Magnesium (MgO)	5.71 percent
Potassium (K ₂ O)	0.84 percent
Sodium (Na ₂ O)	0.25 percent
Titanium (TiO ₂)	0.5 percent
Phosphorus (P ₂ O ₅)	0.84 percent

MINERALOGICAL ANALYSIS

Major Components	Fuller's Earth
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FREIGHT CLASSIFICATION

Crushed Clay in Bags – NMFC# 48170 – Class 50 - Harmonization Code 2508.40.0120