

TECHNICAL DATA SHEET



BARTEX[®] 10 • 65 • 25 • 80 • OWT Barium Sulfate

ASTM D-602-86

	10	65	25	80	OWT
CHEMICAL ANALYSIS (Typical)					
BaSO ₄ , %	98	98	98	98	98
Fe ₂ O ₃ , %	0.02	0.02	0.02	0.02	0.02
SiO ₂ , %	0.40	0.40	0.40	0.40	0.40
Water Soluble Salts, %	0.2	0.2	0.2	0.2	0.2
Loss on Ignition (L.O.I.), %	0.35	0.35	0.35	0.35	0.35
Moisture Contents, %	0.25	0.25	0.25	0.25	0.25
pH Value	8	8	8	8	8
PHYSICAL PROPERTIES (Typical)					
Color	White	White	White	White	Off-White
Dry Brightness	90	90	90	90	80
Particle Size – d ₅₀ , (µm)	1	1.6	2.5	8	1.6
Oil Absorption (g. Oil/100g)	13	12	12	12	12
+325 Mesh Retention, %	< 0.01	< 0.01	< 0.05	< 0.1	< 0.01
Hegman Grind	7.0	7.0	6.5	5.0	7.0
Specific Gravity	4.4	4.4	4.4	4.4	4.4
Bulk Density (Pour) PCF, lbs/ft ³	60.0	70.0	80.0	100.0	70.0
Bulk Density (Tap), lbs./ft. ³	105.0	120.0	135.0	150.0	120.0

The information herein is believed to be correct and reliable; however, no warranty is given concerning the accuracy of these data, merchantability or fitness for a particular use.