

M-Series Specifications

Sieve Analysis

Mesh Size	M-2	M-3	M-5	M-10	M-15	M-30	M-50	M-60	M-95
+325 Mesh (%)	<=5	<=3	<=1	<=0.5	<=0.3	<=0.2	<=0.1	<=0.1	<=0.05
-325/+400 Mesh (%)	10-25	5-15	2-8	1-5	0.5-3	0.3-2	0.2-1	0.1-0.5	0.1-0.3
-400/+500 Mesh (%)	25-40	20-35	15-25	10-20	8-15	5-12	3-8	2-5	1-3
-500/+635 Mesh (%)	25-30	25-40	30-45	35-50	40-55	45-60	50-65	55-70	60-75
-635 Mesh (%)	15-30	25-40	35-50	45-60	55-60	55-70	55-70	60-75	65-80

Microtrac Analysis

	M-2	M-3	M-5	M-10	M-15	M-30	M-50	M-60	M-95
D10 (um)	2.5	3.2	5.1	8.2	12.5	18.7	25.3	32.1	45.8
D50 (um)	3.8	5.2	7.8	12.5	18.9	28.5	38.7	48.2	65.4
D90 (um)	5.2	7.1	10.5	16.8	25.3	38.7	52.1	64.5	85.2
Mean Size (um)	3.9	5.3	7.9	12.6	19.1	28.8	39.2	48.7	66.1

Physical Properties

Property	Value
Purity (%)	>=99.5
Density (g/cm3)	2.70
Sphericity (%)	>=90
Surface Area (m2/g)	0.8-0.6 ... 0.05
Moisture Content (%)	<=0.1
Flow Rate (s/50g)	25-35 ... 4-8
Bulk Density (g/cm3)	1.2-1.4 ... 2.0
Tap Density (g/cm3)	1.6-1.8 ... 2.4-2.6