

MICA PRODUCTS NORTH AMERICA

Muscovite Grades	Appearance	Particle Size (µm) D50 by LASER	Particle Size (µm) D50 by Sedigraph	Top Size (µm) D99 by LASER	Aspect Ratio (Jennings Factor)	Bulk Density (lb/ft ³)
C-4000	Off-White	17	5	56	50:1	13
C-3000	Off-White	25	6	90	85:1	13
WG-325	Off-White	35	8	90	85:1	11
WG-160	Off-White	38	9	112	90:1	11
4-K	Off-White	45	13	180	50:1	15
1-K	Off-White	55	20	224	40:1	15
100-K	Off-White	60	20	315	50:1	18
L-135	Off-White	165	38	315	90:1	25

Phlogopite Fine to Medium Grades	Appearance	Particle Size (µm) D50 by LASER	Particle Size (µm) D50 by Sedigraph	Top Size (µm) D99 by LASER	Aspect Ratio (Jennings Factor)	Bulk Density (lb/ft ³)
Suzorite 325-HK	Bronze	25	8	90	80:1	13
Suzorite 325-S	Bronze	35	8	112	80:1	14
Suzorite 80-SF	Bronze	45	12	180	70:1	13
Suzorite 200-S	Bronze	55	16	180	60:1	14
Suzorite 200-HK	Bronze	60	17	280	55:1	13
Suzorite 150-NY	Bronze	90	24	315	65:1	16
Suzorite 150-S	Bronze	150	34	315	90:1	14

Phlogopite Surface Treated Grades	Appearance	Particle Size (µm) D50 by LASER	Particle Size (µm) D50 by Sedigraph	Top Size (µm) D99 by LASER	Aspect Ratio (Jennings Factor)	Bulk Density (lb/ft ³)
Suzorite 350-PO	Bronze	25	8	90	80:1	13
Suzorite 325-PO	Bronze	35	8	112	80:1	14
Suzorite 200-PO	Bronze	55	16	180	60:1	14
Suzorite 150-PO	Bronze	150	34	315	90:1	14

Phlogopite Flake Grades	Appearance	Mesh Size (50% Retained)	Top Mesh Size	Aspect Ratio (Jennings Factor)	Bulk Density (lb/ft ³)
Suzorite 60-S	Bronze	60	40	100:1+	16
Suzorite 40-S	Bronze	40	20	100:1+	14
Suzorite 30-S	Bronze	30	10	100:1+	14
Suzorite 20-S	Bronze	20	10	100:1+	14

Phlogopite Blended Grades	Appearance	Mesh Size (50% Retained)	Top Mesh Size	Bulk Density (lb/ft ³)
Suzorite 60-Z	Bronze	100	40	35
Suzorite 40-Z	Bronze	40	20	45
Suzorite 25-Z	Bronze	25	10	50

Mica product selection can be highly application specific. Consult with your IMERYS representative to identify the best-fit product.

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