

A-Series Technical Quality Products



Potters Industries Inc.
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A-SERIES TECHNICAL QUALITY SOLID GLASS SPHERES

TYPICAL PROPERTIES

PHYSICAL

Density g/cc	2.50
Weight Pounds Per Gallon	13.3
Weight, Pounds Per Liter	3.70
Refractive Index	1.51 - 1.52
Crush Resistance psi	14,000 - 36,000
Hardness, MOH	5 - 6
Hardness, Knoop 100g load	515 Kg/mm ²
Coefficient of Friction, Static	0.9 - 1.0

CHEMICAL

Composition	Soda-Lime Silica Glass
Free Silica	None

APPLICATIONS

- Pigment Deagglomeration for coatings and inks
- Mineral Processing
- Magnetic Tape
- Paper/Textile Coatings
- Mechanical Plating
- Pharmaceuticals
- Agriculture Products
- Cosmetics
- Dye Stuffs
- Chromatography
- Fillers and Extenders
- Fluidized Beds
- Optical Frame Molding
- Polishing/Vibratory Media
- Decorative
- Instrument Calibration
- Heat Transfer
- Filtration

Stock Number	Size (mm)	U.S. Sieve	% Round
Premium 5MM	4.7-5.3	N/A	90
Premium 4MM	3.7-4.3	N/A	90
Premium 3MM	2.8-3.2	N/A	90
Premium 2MM	1.8-2.2	N/A	90
Premium 1.5MM	1.3-1.7	N/A	90
A-205	1.7-2.3	8-12	80
A-170	1.4-2.0	10-14	80
A-130	1.2-1.7	12-16	80
A-120	1.0-1.4	14-18	80
A-100	0.8-1.2	16-20	80
P-0337	0.60-0.85	20-30	80
P-0280	0.71-0.50	25-35	80
P-0230	0.43-0.60	30-40	80
P-0170	0.30-0.43	40-50	90
P-0140	0.25-0.35	45-60	90
P-0120	0.21-0.30	50-70	90
P-0100	0.18-0.25	60-80	90
P-0080	0.15-0.21	70-100	90
P-0070	0.12-0.18	80-120	90
P-0060	0.10-0.15	100-140	90
P-0040	0.10-Finer	140-Finer	90