

Technical Information



ALTUGLAS™ BS 100

Overview

ALTUGLAS® BS 100 is a cross-linked methyl-methacrylate based copolymer available in the form of insoluble spherical particles (solids beads) of small size and narrow size distribution.

ALTUGLAS® BS 100 is totally insoluble in water and not soluble in most of organic solvents and monomers (with limited but variable swelling depending on the nature of the solvent). ALTUGLAS® BS 100 is recommended as Matting or Anti-scratch or Anti-slip agent especially for waterborne coatings. Its small size and its composition lead to easy and good dispersion in any coating system.

ALTUGLAS® BS 100 is also greatly effective as Matting and Light diffusing agent when compounded in other thermoplastic polymers.

The narrow particle size distribution of ALTUGLAS® BS 100 ensures homogeneous and reproducible effects.

Physical	Nominal Value (English)	Nominal Value (SI)
Apparent (Bulk) Density	0.45 to 0.65 g/cm ³	0.45 to 0.65 g/cm ³
Average Particle Size ¹	1.2 mil	30 µm
Volatiles	< 1.5 %	< 1.5 %
Thermal	Nominal Value (English)	Nominal Value (SI)
Glass Transition Temperature	226 °F	108 °C
Optical	Nominal Value (English)	Nominal Value (SI)
Refractive Index	1.490	1.490
Additional Information	Nominal Value (English)	Nominal Value (SI)
Residual Monomer	< 0.35 %	< 0.35 %

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

¹ 90% particles below 40µm

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