

Altuglas® BS 550

Polymethyl Methacrylate Acrylic

Altuglas International of Arkema Inc.

Product Description

ALTUGLAS®BS 550 is a methacryliccopolymer of medium molecular weight with high solubility and fluidity, available in the form of solid beads.

ALTUGLAS®BS 550, because of its good compatibility with resins and solvents, has a broad range of application as Inclusion, Acrylic Composites, Acrylic Floor-Coating and Binder in solvent coatings.

Use of ALTUGLAS®BS 550 in compounding to make acrylic Master-batches is suggested.

General

Material Status	• Commercial: Active	
Availability	• Asia Pacific	• Europe
Features	• Copolymer	• Medium Molecular Weight
Uses	• Binder • Coating Applications	• Compounding • Masterbatch
Forms	• Spheres	

Physical	Nominal Value Unit
Apparent Density	0.70 g/cm ³
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	15 g/10 min
Acid Value	< 1.00 mg KOH/g
Intrinsic Viscosity	0.45 to 0.48 dl/g
Particle Size	150 to 200 µm
Viscosity - Solvent (30%w MEK)	300 mPa·s

Thermal	Nominal Value Unit
Glass Transition Temperature (DSC)	88.0 °C

Additional Information	Nominal Value Unit
Residual Monomer	< 0.50 %
Volatiles	< 1.5 %

Notes

¹ Typical properties: these are not to be construed as specifications.