

Altuglas® BS 520

Polymethyl Methacrylate Acrylic

Altuglas International of Arkema Inc.

Product Description

ALTUGLAS®BS 520 is a methacryliccopolymer of relatively high molecular weight available in the form of solid beads.

ALTUGLAS®BS 520 has possible application in Acrylic Composites (especially acrylic stone) and in Solvent coating (Binder)
Specific applications of ALTUGLAS®BS 520 are Porous Moulds Resins for ceramic and Low-profile Additive for polyester curable resins.
Use of ALTUGLAS®BS 520 in compounding to make acrylic Master-batches is possible.

General

Material Status	• Commercial: Active	
Availability	• Asia Pacific	• Europe
Features	• Copolymer	• High 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)	1.5 g/10 min
Acid Value	< 1.00 mg KOH/g
Intrinsic Viscosity	0.59 to 0.62 dl/g
Particle Size	150 to 200 µm
Viscosity - Solvent (30%w MEK)	1.40 Pa·s

Thermal	Nominal Value Unit
Glass Transition Temperature (DSC)	107 °C

Additional Information	Nominal Value Unit
Residual Monomer	< 0.35 %
Volatiles	< 1.5 %

Notes

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