

Altuglas® BS 510

Polymethyl Methacrylate Acrylic

Altuglas International of Arkema Inc.

Product Description

ALTUGLAS®BS 510 is a methacryliccopolymer of medium molecular weight with good solubility and fluidity, available in the form of solid beads.

ALTUGLAS®BS 510 has common application in Acrylic Composites and in Solvent coating (Binder).

Specific applications of ALTUGLAS®BS 510 are Porous Moulds Resins for ceramic and Low-profile Additive for polyester curable resins.

Use of ALTUGLAS®BS 510 in compounding to make acrylic Master-batches is suggested.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	
Features	• Copolymer	• Good Flow	• Medium Molecular Weight
Uses	• Binder • Coating Applications	• Masterbatch • Molds/Dies/Tools	
Forms	• Spheres		

Physical

	Nominal Value Unit
Apparent Density	0.70 g/cm ³
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	3.0 g/10 min
Acid Value	< 1.00 mg KOH/g
Intrinsic Viscosity	0.49 to 0.51 dl/g
Particle Size	150 to 200 µm
Viscosity - Solvent (30%w MEK)	900 mPa·s

Thermal

	Nominal Value Unit
Glass Transition Temperature (DSC)	110 °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.