

Altuglas® BS 440

Polymethyl Methacrylate Acrylic

Altuglas International of Arkema Inc.

Product Description

ALTUGLAS®BS 440 is a methacrylic copolymer of medium molecular weight with acid functionality, available in the form of solid beads.

ALTUGLAS®BS 440 has good solubility and compatibility: it can be used as Binder in resins and solvent coatings.

ALTUGLAS®BS 440 is recommended as component in low-profile additives for Unsaturated Polyester Curable Resins, especially for SMC application.

General

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

Physical	Nominal Value Unit
Apparent Density	0.70 g/cm ³
Acid Value	8.00 to 11.00 mg KOH/g
Intrinsic Viscosity	0.48 to 0.53 dl/g
Particle Size	150 to 200 µm
Viscosity	
Solvent (30%w MEK)	450 mPa·s
Solvent (30%w STY)	1200 mPa·s

Thermal	Nominal Value Unit
Glass Transition Temperature (DSC)	100 °C

Additional Information	Nominal Value Unit
Residual Monomer	< 0.50 %
Volatiles	< 1.0 %

Notes

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