

Altuglas® BS 440

Polymethyl Methacrylate Acrylic
Altuglas International of Arkema Inc.

Message:

ALTUGLAS®BS 440 is a methacryliccopolymer 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 Information | | |
|------------------------------|-------------------------|----------|
| Features | Copolymer | |
| | Medium Molecular Weight | |
| Uses | Binder | |
| | Coating Applications | |
| Forms | Spheres | |
| Physical | Nominal Value | Unit |
| Apparent Density | 0.70 | g/cm³ |
| 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 |
| Residual Monomer | < 0.50 | % |
| Volatiles | < 1.0 | % |
| Thermal | Nominal Value | Unit |
| Glass Transition Temperature | 100 | °C |

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