

Altuglas® BS 510

Polymethyl Methacrylate Acrylic
Altuglas International of Arkema Inc.

Message:

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 Information		
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/cm³
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
Residual Monomer	< 0.35	%
Volatiles	< 1.5	%
Thermal	Nominal Value	Unit
Glass Transition Temperature	110	°C

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