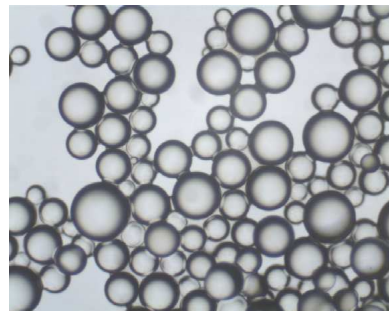




Acrylic Beads

Altuglas® BS
PRODUCT RANGE

Altuglas®



ALTUGLAS
INTERNATIONAL
ARKEMA GROUP

Altuglas International, a business unit of Arkema, is a global leader in PMMA (polymethylmethacrylate). Altuglas International has sales and manufacturing operations worldwide.

ALTUGLAS® BS PRODUCT

- Altuglas® BS are acrylic polymers in the form of solid spherical beads.
- Altuglas® BS can be used in different applications for a wide range of requirements. They offer a large selection of different compositions, size, Tg and molecular weights.
- **Key properties of Altuglas® BS:**
 - ✓ Exceptional optical quality,
 - ✓ Outstanding weather resistance,
 - ✓ Large range of solubility,
 - ✓ Very good compatibility with other thermoplastics,
 - ✓ Low residual odor.

ALTUGLAS® BS PRODUCT DESCRIPTION

ALTUGLAS®	Composition	Tg (°C)	Size (µm)	Molecular weight	Viscosity 30%w in MEK (cP)	intrinsic viscosity (cm ³ /g)	Acid Index	bulk density (g/cm ³)
BS 100	Copolymer MMA	108	30	X-linked	N/A	N/A	< 1	0.5
BS 130	Copolymer MMA	108	20	X-linked	N/A	N/A	< 1	0.45
BS 150N	PMMA	118	50	High	N/A	250	<1	0.6
BS 572	PMMA	118	300	High	N/A	170	< 1	0.7
BS 203	Copolymer MMA/BMA	70	150-200	Low	150	28	< 1	0.7
BS 215	Copolymer MMA/BMA	108	50	Medium - High	2500	65	< 1	0.6
BS 440	Copolymer MMA	100	150-200	Medium	450	50	10	0.7
BS 510	Copolymer MMA	110	150-200	Medium	900	50	< 1	0.7
BS 520	Copolymer MMA	107	150-200	Medium - High	1400	60	< 1	0.7
BS 550	Copolymer MMA	88	150-200	Medium - Low	300	46	< 1	0.7
BS 580	Copolymer MMA	104	150-200	Medium	500	50	< 1	0.7
BS 684	Copolymer MMA/STY	104	150-200	Medium - High	1500	80	< 1	0.7

Do not constitute specifications.

ALTUGLAS® BS PRODUCT APPLICATIONS

ALTUGLAS®	Additive for				Binder for			
	Waterborne coatings	Thermoplastic polymers	Porous Material	Polyester resins	Solvent Coatings	Floor coating	Acrylic composites	2K road paint
BS 100	■	■	●					
BS 130	■	■						
BS 150N	■	■	■				●	
BS 572	●	■						
BS 203					●	■	●	■
BS 215				■			●	
BS 440				■				
BS 510			■	■	●	●	■	
BS 520			■	■	●	●	■	
BS 550					●	■	■	
BS 580				●	●	●	●	
BS 684				■				

- Main applications
- Possible applications

DESCRIPTION OF SOME APPLICATIONS

- **LPA in unsaturated polyester** : Altuglas® BS dissolved in styrene, minimize shrinkage during polymerisation of polyester resins.
- **Matting agent in coatings** : small size Altuglas® BS are easily dispersed as matting agent in coating system (waterborne preferred) to obtain specific surface effects.
- **Matting agent in thermoplastic polymers** : small size Altuglas® BS are used as matting agent in extrusion of various thermoplastic polymers (PVC, SAN, PC, TPE...) to obtain optical and surface effects.
- **Binder in resins and paints**: Altuglas® BS are compatible with most polymers and solvents and are therefore used as binders in paints and resins.

TECHNICAL DATASHEETS

- Product Technical Datasheets are available for each Altuglas® BS grade, including main typical properties.
- Application Technical Datasheets are also available for main applications, including advices for grade selection, dosage and conditions.

SAFETY DATASHEETS

- Material safety datasheets of Altuglas® BS are available and include all relevant indications concerning the use of these products.

CONTACTS

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