



Acrylic beads applications

Altuglas® acrylic beads meet a wide range of requirements. Thanks to their numerous key performance properties, Altuglas® beads are the right candidate as additives or binders in many different applications.



ALTUGLAS® GRADE	ADDITIVE				BINDER			
	Waterborne Coatings	Thermoplastic polymers	Polyester resins SMC/BMC	Porous materials	Solvent coatings	Floor coatings	Solid surface	Cyanoacrylate adhesives
BS 100	++	++		+			+	
BS 130	++	++						
BS 150N	++	++		++			+	++
BS 572	+	++						++
BS 440			++			+	+	
BS 510			++	++	+	+	++	
BS 520B			++	++	+	+	++	
BS 550					+	++	++	
BS 580			+		+	+	+	
BS 684			++					

Acrylic beads characteristics

Altuglas® Beads offer a large selection of different compositions, sizes, Tg and molecular weights. Find the most suitable grade according to your technical requirements.

ALTUGLAS® GRADE	Composition	Tg (°C)	Typical Size (µm)	Molecular weight	Viscosity 30%w in MEK (cP)	Intrinsic viscosity (cm³/g)	Acid Index (mg KOH/g)	Bulk density (g/cm³)
BS 100	MMA based copolymer	108	30	Cross-linked	NA	NA	< 1	0.5
BS 130	MMA based copolymer	108	20	Cross-linked	NA	NA	< 1	0.45
BS 150N	PMMA homopolymer	118	50	High	NA	250	< 1	0.6
BS 572	PMMA homopolymer	118	300	High	NA	170	< 1	0.7
BS 440	MMA based copolymer with free acid functions	100	150-200	Medium	450	50	< 10	0.7
BS 510	MMA based copolymer	110	150-200	Medium	900	50	< 1	0.7
BS 520B	MMA based copolymer	107	130-350	Medium	1400	60	< 1	0.7
BS 550	MMA based copolymer	88	150-200	Low	300	46	< 1	0.7
BS 580	MMA based copolymer	104	150-200	Medium	500	50	< 1	0.7
BS 684	MMA-Styrene copolymer	104	150-200	Medium	1500	80	< 1	0.7



OUR EXPERTISE AT YOUR SERVICE

Our technical and sales teams are at your disposal to guide and advise you about the choice and implementation of our product ranges with in your process.

> Contact us on altuglas.com

Altuglas International, a global integrated leader in PMMA is heavily involved in the technical plastic sector – from MMA monomer to PMMA acrylic glass - creating and manufacturing innovative products to suit customers' needs worldwide. Its highly committed staff make their contribution daily in our three businesses (MMA, sheet and PMMA resins). Its four great brand names are references: Altuglas®, Plexiglas® (Americas), Drogas®, Solarkote®.

For further information please contact us. Please consult Arkema's disclaimer regarding the use of Arkema's products on <http://www.arkema.com/en/products/product-safety/disclaimer/index.html>

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