

Properties for Bluestar Acetal copolymer

Bluestar Acetal copolymer				BS025	BS090	BS130	BS270
Property		ISO	Units				
Properties	Density	1183	g/cm ³	1.41	1.41	1.41	1.41
Thermal properties	Melt mass flow rate 190°C/2.16KG	1133	g/10min	2.5	9	13	27
	Melting temperature(DSC)	3146	°C	165	165	165	165
	Deflection temperature 1.8Mpa	75	°C	90	95	100	100
	Coefficient of linear expansion	11359	×10 ⁻⁵ /°C	12	12	12	12
Mechanical properties	Tensile strength	527-1/2	Mpa	59	62	62	63
	Breaking elongation	527-1/2	%	45	42	40	30
	Tensile modulus	527-1/2	Mpa	2350	2450	2500	2550
	Flexural strength	178	Mpa	83	87	90	90
	Flexural modulus	178	Mpa	2200	2300	2350	2350
	Notched izod impact	179/1eA	KJ/m ²	8.0	6.0	5.5	5.3
	Hardness	2039-2	M scale	78	80	80	80
Molding shrinkage		horizontal direction	%	1.8-2.2	1.8-2.2	1.8-2.2	1.8-2.2

Note: The data listed here within the normal range of product properties, this information is not the lowest properties of product, just for customer's reference.