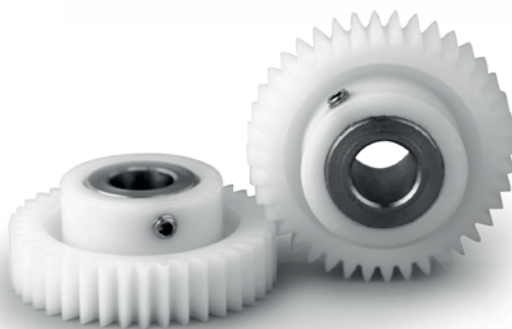


Bluestarcon POM

BLUESTAR



Bluestarcon is POM material coming from China. Not only the quality of the material is superior, but we can also offer competitive and low market prices. Ever since we start supplying this material to the market, all our customer were surprised by how good the Bluestarcon material is being processed.

Applications:

- Gears
- Fuel system components
- Door lock systems
- Dish washer components
- Winter sports equipment
- Toys
- Shower heads
- Gas meters parts
- Electric toothbrushes
- Coffee machines

Unique Bluestarcon properties:

- Very tough at low temperatures
- Good wear resistance
- Limited long term shrinkage
- Stiff and strong
- Superior heat resistance
- Good impact resistance
- Resistant to moisture, chemicals and fuels
- Good flexural properties
- Perfect dimensional stability

To find more about Ultrapolymers:



Bluestarcon POM

BLUESTAR

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/10 min	2.5	9	13	27
	Melting temperature (DSC)	3146	°C	165	165	165	165
	Deflection temperature 1.8 Mpa	75	°C	110	110	110	110
	Coefficient of linear expansion	11359	x10 ⁻⁶ /°C	12	12	12	12
Mechanical properties	Tensile Strength	527-1/2	Mpa	59	62	62	63
	Breaking elongation	527-1/2	%	39	34	33	30
	Tensile modulus	527-1/2	Mpa	2200	2300	2350	2350
	Flexural strength	178	Mpa	83	87	90	90
	Flexural modulus	178	Mpa	2350	2450	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

To find your local contact, please visit:
www.ultrapolymers.com

