

BASF Ultraform W 2320 003 BK120 Q600 POM

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Unreinforced

Material Notes:

Ultraform W 2320 003 BK120 Q600 is a pigmented black, very easy flowing and rapidly solidifying injection molding POM grade for use where processing is extremely difficult but mechanical properties are lower. Contains a mold release agent. It conforms to FDA requirements of 21 CFR 177.2470.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultraform-W-2320-003-BK120-Q600-POM.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ISO 1183
Water Absorption	0.80 %	0.80 %	ISO 62
Moisture Absorption at Equilibrium	0.20 %	0.20 %	23°C/50% R.H.; ISO 62
Linear Mold Shrinkage	0.019 cm/cm	0.019 in/in	ASTM Data; MD

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	63.0 MPa	9140 psi	50mm/min; ISO 527
Elongation at Yield	7.5 %	7.5 %	50mm/min; ISO 527
Tensile Modulus	2.70 GPa	392 ksi	1mm/min; ISO 527
Flexural Modulus	2.60 GPa	377 ksi	ISO Data
Izod Impact, Notched (ISO)	5.50 kJ/m ²	2.62 ft-lb/in ²	ISO Test
Charpy Impact, Notched	0.550 J/cm ²	2.62 ft-lb/in ²	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	167 °C	333 °F	10 K/min
	167 °C	333 °F	ASTM Test
Deflection Temperature at 1.8 MPa (264 psi)	90.0 °C	194 °F	ISO 75

Descriptive Properties	Value	Comments
Color	BK120	
Commercial Status	Active America	
FDA	21 CFR 177.2470	

Descriptive Properties	Value	Comments
Primary Processing Technique	Injection Molding	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China