

Ultraform® W 2320 003 BK120 Q600

Acetal (POM) Copolymer

BASF Corporation

Message:

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.

Applications

Typical applications include thin walled parts.

General Information			
UL YellowCard	E36632-531676		
Additive	Mold Release		
Features	Copolymer		
	Good Flow		
	Good Mold Release		
Uses	Thin-walled Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	ISO 1183
Water Absorption			ISO 62
Saturation, 23°C	0.80	%	
Equilibrium, 23°C, 50% RH	0.20	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2700	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	63.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	7.5	%	ISO 527-2
Flexural Modulus (23°C)	2600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.5	kJ/m ²	ISO 179
Notched Izod Impact Strength (23°C)	5.5	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	90.0	°C	ISO 75-2/A
Melting Temperature (DSC)	167	°C	ISO 3146

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