

Product Information

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Ultraform® W 2320 003 BK120 Q600 Polyoxymethylene


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Product Description

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.

PHYSICAL	ISO Test Method	Property Value
Density, g/cm ³	1183	1.4
Moisture, %	62	
(50% RH)		0.2
(Saturation)		0.8
MECHANICAL	ISO Test Method	Property Value
Tensile Modulus, MPa	527	
23°C		2,700
Tensile stress at yield, MPa	527	
23°C		63
Tensile strain at yield, %	527	
23°C		7.5
Flexural Modulus, MPa	178	
23°C		2,600
IMPACT	ISO Test Method	Property Value
Izod Notched Impact, kJ/m ²	180	
23°C		5.5
Charpy Notched, kJ/m ²	179	
23°C		5.5
THERMAL	ISO Test Method	Property Value
Melting Point, °C	3146	167
HDT A, °C	75	90
UL RATINGS	UL Test Method	Property Value
Flammability Rating, 1.5mm	UL94	HB
Relative Temperature Index, 1.5mm	UL746B	
Mechanical w/o Impact, °C		90
Mechanical w/ Impact, °C		90
Electrical, °C		105
Flammability Rating, 3.0mm	UL94	HB
Relative Temperature Index, 3.0mm	UL746B	
Mechanical w/o Impact, °C		105
Mechanical w/ Impact, °C		90
Electrical, °C		105

Note

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