

## Ultraform<sup>®</sup> W 2320 003 BK120 Q600

### Polyoxymethylene (POM)

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 <sup>3</sup>	1183	1.40
<b>Moisture, %</b>	62	
(50% RH)		0.2
(Saturation)		0.8
MECHANICAL	ISO Test Method	Property Value
<b>Tensile Modulus, MPa</b>	527	
23°C		2,700
<b>Tensile stress at yield, MPa</b>	527	
23°C		63
<b>Tensile strain at yield, %</b>	527	
23°C		7.5
<b>Flexural Modulus, MPa</b>	178	
23°C		2,600
IMPACT	ISO Test Method	Property Value
<b>Izod Notched Impact, kJ/m<sup>2</sup></b>	180	
23°C		5.5

**Charpy Notched, kJ/m<sup>2</sup>**

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
<b>Relative Temperature Index, 1.5mm</b>	UL746B	
Mechanical w/o Impact, °C		90
Mechanical w/ Impact, °C		90
Electrical, °C		105
Flammability Rating, 3.0mm	UL94	HB
<b>Relative Temperature Index, 3.0mm</b>	UL746B	
Mechanical w/o Impact, °C		105
Mechanical w/ Impact, °C		90
Electrical, °C		105

## Note

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## **BASF Corporation**

Engineering Plastics  
1609 Biddle Avenue  
Wyandotte, MI 48192



### **General Information**

800-BC-RESIN

### **Technical Assistance**

800-527-TECH (734-324-5150)

### **Web address**

<http://www.plasticsportal.com/usa>