Ultraform® 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/cm³	1183	1.40
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/m²	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

BASF Corporation

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General Information	Technical Assistance	Web address
800-BC-RESIN	800-527-TECH (734-324-5150)	http://www.plasticsportal.com/usa