

Product Information

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Ultraform® N 2320 U03 UNC Q600 Polyoxymethylene


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Product Description

Ultraform N 2320 U03 UNC Q600 is a rapidly freezing UV stabilized general-purpose injection molding grade.

PHYSICAL	ASTM Test Method	Property Value
Specific Gravity	D-792	1.4
Mold Shrinkage (1/8" bar, in/in)		0.02
Moisture, %	D-570	
(50% RH)		0.2
(Saturation)		0.8
MECHANICAL	ASTM Test Method	Property Value
Tensile Strength, Yield, MPa (psi)	D-638	
23°C (73°F)		63 (9,130)
Elongation, Yield, %	D-638	
23°C (73°F)		9.4
IMPACT	ASTM Test Method	Property Value
Notched Izod Impact, J/M (ft-lbs/in)	D-256	
-40°C (-40°F)		59.8 (1.1)
23°C (73°F)		69.4 (1.3)
THERMAL	ASTM Test Method	Property Value
Melting Point, °C(°F)	D-3418	166 (330)
Heat Deflection @ 264 psi (1.8 MPa) °C(°F)	D-648	110 (230)
Heat Deflection @ 66 psi (.45 MPa) °C(°F)	D-648	160 (320)
Coef. of Linear Thermal Expansion, mm/mm °C (in/in °F)	E-831	0.6 X10-4

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>

