

Ultraform® N 2320 U017 UNC Q600

Acetal (POM) Copolymer

BASF Corporation

Message:

Ultraform N 2320 U017 UNC Q600 is a rapidly freezing UV stabilized general-purpose injection molding grade.

General Information			
Additive	UV Stabilizer		
Features	Copolymer		
	General Purpose		
	Good UV Resistance		
Uses	General Purpose		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	9.00	cm ³ /10min	ISO 1133
Molding Shrinkage			ISO 294-4
Across Flow	2.1	%	
Flow	2.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2600	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	61.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	11	%	ISO 527-2
Nominal Tensile Strain at Break (23°C)	> 50	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	6.0	kJ/m ²	
23°C	6.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	90.0	°C	ISO 75-2/A
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 110	°C	
Drying Time	2.0 to 4.0	hr	
Suggested Max Moisture	0.15	%	
Processing (Melt) Temp	190 to 230	°C	

Mold Temperature	60.0 to 120	°C
Injection Pressure	3.50 to 7.00	MPa

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