

Ultraform® N 2640 Z2 BK140 Q600

Acetal (POM) Copolymer

BASF Corporation

Message:

Ultraform N 2640 Z2 BK140 Q600 is a pigmented black, elastomer-modified injection molding POM grade with high impact strength.

Applications

Typical applications include toys components such as bicycle frames, automotive parts such as cladding elements and windshield wiper units, and clips, snap and fastening elements, and other components subject to impact stress.

General Information			
Features	Copolymer		
	High Impact Resistance		
Uses	Automotive Applications		
	Fasteners		
	Toys		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm ³	ISO 1183
Water Absorption			ISO 62
Saturation, 23°C	0.80	%	
Equilibrium, 23°C, 50% RH	0.20	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1880	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	46.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	11	%	ISO 527-2
Flexural Modulus (23°C)	1890	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	6.0	kJ/m ²	
23°C	8.5	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	76.0	°C	ISO 75-2/A
Melting Temperature (DSC)	167	°C	ISO 3146
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	600	V	IEC 60112

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