

Ultraform® N 2640 Z4 BK140 Q600

Acetal (POM) Copolymer

BASF Corporation

Message:

Ultraform N 2640 Z4 BK140 Q600 is a pigmented black, high toughness, elastomer-modified injection molding POM grade.

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			
UL YellowCard	E36632-531685	E36632-531689	
Additive	Impact Modifier		
Features	Copolymer		
	Impact Modified		
	Ultra High Toughness		
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	1.35	g/cm³	ISO 1183
Water Absorption			ISO 62
Saturation, 23°C	0.80	%	
Equilibrium, 23°C, 50% RH	0.25	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1550	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	36.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	14	%	ISO 527-2
Nominal Tensile Strain at Break (23°C)	> 50	%	ISO 527-2
Flexural Modulus (23°C)	1740	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	12	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	167	°C	ISO 3146

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