



Ultraform® N 2640 Z4 BK140 Q600

BASF Corporation - Acetal (POM) Copolymer

Saturday, November 2, 2019

General Information

Product Description

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

Material Status	• Commercial: Active
Availability	• North America
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
Automotive Specifications	• FORD WSK-M4D618-A2
Appearance	• Black
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183
Water Absorption (Saturation, 73°F)	0.80	%	ISO 62
Water Absorption (Equilibrium, 73°F, 50% RH)	0.25	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (73°F)	225000	psi	ISO 527-2
Tensile Stress (Yield, 73°F)	5220	psi	ISO 527-2
Tensile Strain (Yield, 73°F)	14	%	ISO 527-2
Nominal Tensile Strain at Break (73°F)	> 50	%	ISO 527-2
Flexural Modulus (73°F)	252000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (73°F)	5.6	ft·lb/in ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	333	°F	ISO 3146

Notes

¹ Typical properties: these are not to be construed as specifications.