

Ultraform® N 2640 Z2 BK140 Q600

Polyoxymethylene (POM)

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.

PHYSICAL	ISO Test Method	Property Value
Density, g/cm ³	1183	1.37
Moisture, %	62	
(50% RH)		0.2
(Saturation)		0.8
MECHANICAL	ISO Test Method	Property Value
Tensile Modulus, MPa	527	
23 °C		1,880
Tensile stress at yield, MPa	527	
23 °C		46
Tensile strain at yield, %	527	
23 °C		11
Flexural Modulus, MPa	178	
23 °C		1,890
IMPACT	ISO Test Method	Property Value
Izod Notched Impact, kJ/m²	180	
-40 °C		6

23°C

8.5

THERMAL	ISO Test Method	Property Value
Melting Point, °C	3146	167
HDT A, °C	75	76
ELECTRICAL	ISO Test Method	Property Value
Comparative Tracking Index	IEC 60112	600

Note

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