

Ultraform® N 2650 Z6

Acetal (POM) Copolymer

BASF Corporation

Message:

Ultraform® N 2650 Z6 is an Acetal (POM) Copolymer product. It is available in Asia Pacific, Europe, or North America.

Characteristics include:

REACH Compliant

RoHS Compliant

Copolymer

General Information			
Features	Copolymer		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	7.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1200	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	38.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	19	%	ISO 527-2
Nominal Tensile Strain at Break (23°C)	44	%	ISO 527-2
Tensile Creep Modulus (1000 hr)	400	MPa	ISO 899-1
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	9.0	kJ/m ²	
23°C	20	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179
-30°C	240	kJ/m ²	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	75.0	°C	ISO 75-2/A
Melting Temperature (DSC)	166	°C	ISO 3146
CLTE - Flow	1.4E-4	cm/cm/°C	
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+12	ohms	IEC 60093
Volume Resistivity	1.0E+13	ohms · cm	IEC 60093
Dielectric Constant (1 MHz)	4.40		IEC 60250
Dissipation Factor (1 MHz)	0.020		IEC 60250
Comparative Tracking Index	600	V	IEC 60112

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

