

Ultraform® N 2650 Z4

Acetal (POM) Copolymer

BASF Corporation

Message:

Ultraform® N 2650 Z4 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	1.35	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)	1500	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	45.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	16	%	ISO 527-2
Nominal Tensile Strain at Break (23°C)	40	%	ISO 527-2
Tensile Creep Modulus (1000 hr)	500	MPa	ISO 899-1
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	8.0	kJ/m ²	
23°C	15	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179
-30°C	270	kJ/m ²	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
Melting Temperature (DSC)	167	°C	ISO 3146
CLTE - Flow	1.3E-4	cm/cm/°C	
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+13	ohms · cm	IEC 60093
Dielectric Constant (1 MHz)	4.20		IEC 60250
Dissipation Factor (1 MHz)	0.017		IEC 60250
Comparative Tracking Index	600	V	IEC 60112

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

