

Ultraform® S 2320 0035 LEV

Acetal (POM) Copolymer

BASF Corporation

Message:

Ultraform S 2320 0035 LEV is designed to achieve low emission and smell

General Information			
Features	Copolymer		
	Low Emissions		
	Low to No Odor		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	11.0	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2450	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	63.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	11	%	ISO 527-2
Nominal Tensile Strain at Break (23°C)	32	%	ISO 527-2
Tensile Creep Modulus (1000 hr)	1000	MPa	ISO 899-1
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	6.0	kJ/m²	
23°C	6.5	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179
-30°C	210	kJ/m²	
23°C	250	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	95.0	°C	ISO 75-2/A
Melting Temperature (DSC)	167	°C	ISO 3146
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	IEC 60093
Volume Resistivity	1.0E+13	ohms·cm	IEC 60093
Dielectric Constant (1 MHz)	3.80		IEC 60250
Dissipation Factor (1 MHz)	6.0E-3		IEC 60250
Comparative Tracking Index	600	V	IEC 60112

Injection	Nominal Value	Unit
Drying Temperature	80.0 to 110	°C
Drying Time	2.0 to 4.0	hr
Suggested Max Moisture	0.15	%
Processing (Melt) Temp	190 to 230	°C
Mold Temperature	60.0 to 120	°C
Injection Pressure	3.45 to 6.89	MPa

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

