Product Information

Aug 2013

Ultraform® N 2650 Z2
Polyoxymethylene

BASF The Chemical Company

PHYSICAL	ISO Test Method	Property Value
Density, g/cm	1183	1.37
Moisture, %	62	
RHEOLOGICAL	**ISO Test Method**	**Property Value**
Melt Volume Rate (190 C/2.16 Kg), cc/10min.	1133	8
MECHANICAL	**ISO Test Method**	**Property Value**
Tensile Modulus, MPa	527	
23C		1,900
Tensile stress at yield, MPa	527	
23C		52
Tensile stress at break, MPa	527	
Tensile strain at yield, %	527	
23C		13
Nominal strain at break, %	527	
23C		48
Flexural Strength, MPa	178	
Flexural Modulus, MPa	178	
Tensile Creep Modulus (1000h), MPa	899	700
IMPACT	**ISO Test Method**	**Property Value**
Izod Notched Impact, kJ/m^2	180	
Charpy Notched, kJ/m^2	179	
23C		12
-30C		7
Charpy Unnotched, kJ/m^2	179	
23C		N
-30C		290
THERMAL	**ISO Test Method**	**Property Value**
Melting Point, C	3146	167
HDT A, C	75	80
Coef. of Linear Thermal Expansion, Parallel, mm/mm C		1.3 X10-4
ELECTRICAL	**ISO Test Method**	**Property Value**
Comparative Tracking Index	IEC 60112	600
Volume Resistivity	IEC 60093	1E12
Surface Resistivity	IEC 60093	1E14
Dielectric Constant (1 MHz)	IEC 60250	3.9
Dissipation Factor (1 MHz)	IEC 60250	120

Note

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Note

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