

Ultraform® N 2650 Z4

Polyoxymethylene

PHYSICAL	ISO Test Method	Property Value
Density, g/cm	1183	1.35
Moisture, %	62	
RHEOLOGICAL	ISO Test Method	Property Value
Melt Volume Rate (190 C/2.16 Kg), cc/10min.	1133	7
MECHANICAL	ISO Test Method	Property Value
Tensile Modulus, MPa	527	
23C		1,500
Tensile stress at yield, MPa	527	
23C		45
Tensile stress at break, MPa	527	
Tensile strain at yield, %	527	
23C		16
Nominal strain at break, %	527	
23C		40
Flexural Strength, MPa	178	
Flexural Modulus, MPa	178	
Tensile Creep Modulus (1000h), MPa	899	500
IMPACT	ISO Test Method	Property Value
Izod Notched Impact, kJ/m ²	180	
Charpy Notched, kJ/m ²	179	
23C		15
-30C		8
Charpy Unnotched, kJ/m ²	179	
23C		N
-30C		270
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	1E11
Surface Resistivity	IEC 60093	1E14
Dielectric Constant (1 MHz)	IEC 60250	4.2
Dissipation Factor (1 MHz)	IEC 60250	170

