

Tekuform TF 20

Acetal (POM) Copolymer
TEKUMA Kunststoff GmbH

Message:

Tekuform TF 20 is an Acetal (POM) Copolymer material. It is available in Europe.

General Information			
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.49	g/cm³	DIN 53479
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0 to 10	g/10 min	DIN 53735
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	4.00 to 8.00	cm³/10min	DIN 53735
Molding Shrinkage	2.0	%	Internal Method
Water Absorption (Saturation, 23°C)	0.14	%	DIN 53495
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	DIN 53457
Tensile Stress (Yield)	40.0	MPa	DIN 53455
Tensile Strain (Break)	10	%	DIN 53455
Flexural Modulus	2000	MPa	DIN 53457
Flexural Stress (7.0% Strain)	65.0	MPa	DIN 53452
Coefficient of Friction			
Dynamic	0.11		
Static	0.060		
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact Strength	25	kJ/m²	DIN 53453
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	95.0	°C	DIN 53461
Continuous Use Temperature	100	°C	UL Unspecified
Vicat Softening Temperature	165	°C	DIN 53460
CLTE - Flow	9.8E-5	cm/cm/°C	DIN 53752
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	DIN 53482
Volume Resistivity	1.0E+15	ohms · cm	DIN 53482

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