

Tisetilen® PE UNR

Polyethylene
Tisan

Message:

Tisetilen® PE UNR is a Polyethylene material. It is available in Africa & Middle East or Europe for injection molding. Primary attribute of Tisetilen® PE UNR: Flame Rated.

General Information			
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.915	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	19	g/10 min	ISO 1133
Molding Shrinkage	2.0	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	50		ISO 868
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	40	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	80.0 to 110	°C	ISO 75-2/Be
Melting Temperature	109	°C	
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (3.00 mm)	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	1.0	hr	
Rear Temperature	170 to 190	°C	
Middle Temperature	170 to 190	°C	
Front Temperature	170 to 190	°C	
Nozzle Temperature	180	°C	
Processing (Melt) Temp	100 to 110	°C	
Mold Temperature	40.0	°C	

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