

TES J-71/30

Polyamide + SAN
Techmer Engineered Solutions

Message:

TES J-71/30 is a Polyamide + SAN (Nylon+SAN) product filled with 30% glass fiber. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: rohs compliant.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.20	%	ASTM D955
Water Absorption (24 hr)	0.050	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	131	MPa	ASTM D638
Tensile Elongation (Yield)	1.7	%	ASTM D638
Flexural Modulus	7580	MPa	ASTM D790
Flexural Strength (Yield)	138	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm)	91	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	204	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	104	°C	
Drying Time	2.0	hr	
Suggested Max Moisture	0.080	%	
Rear Temperature	271	°C	
Middle Temperature	282	°C	
Front Temperature	277	°C	
Nozzle Temperature	271	°C	
Processing (Melt) Temp	282	°C	
Mold Temperature	73.9	°C	
Injection Rate	Moderate		
Back Pressure	0.345 to 0.689	MPa	

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