

Tisakril® ABS 30 GFR

Acrylonitrile Butadiene Styrene

Tisan

Message:

Tisakril® ABS 30 GFR is an Acrylonitrile Butadiene Styrene (ABS) material filled with 30% glass fiber. It is available in Africa & Middle East or Europe for injection molding.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	ISO 1183
Molding Shrinkage	< 1.0	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	< 0.050	%	ISO 62
Ash Content	30	%	ISO 3451
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	68		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	75.0	MPa	
Break	70.0	MPa	
Tensile Strain			ISO 527-2
Yield	4.5	%	
Break	4.3	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	6.0	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	105	°C	ISO 75-2/Be
Vicat Softening Temperature	115	°C	ISO 306/B120
Melting Temperature	16.0	°C	
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (3.00 mm)	575	V	IEC 60112
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 3.0	hr	
Rear Temperature	190 to 210	°C	
Middle Temperature	190 to 210	°C	

Front Temperature	190 to 210	°C
Nozzle Temperature	200	°C
Processing (Melt) Temp	160 to 180	°C
Mold Temperature	50.0	°C

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Recommended distributors for this material

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