

ACCUTECH™ TPU030G20V

Thermoplastic Polyurethane Elastomer

ACLO Compounders Inc.

Message:

ACCUTECH™ TPU030G20V is a Thermoplastic Polyurethane Elastomer product filled with 20% glass fiber. It is available in North America. Typical application: Automotive.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Uses	Automotive Applications		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	850	MPa	ASTM D638
Tensile Strength (Yield)	34.0	MPa	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	850	MPa	ASTM D790
Flexural Strength	40.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	430	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	62.0	°C	ASTM D648

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