

ACCUTECH™ ABS831G20L

Acrylonitrile Butadiene Styrene
ACLO Compounders Inc.

Message:

ACCUTECH™ ABS831G20L is an Acrylonitrile Butadiene Styrene (ABS) product filled with 20% glass fiber. It is available in North America.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	1.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.10	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4000	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	71.0	MPa	
Break	71.0	MPa	
Tensile Elongation			ASTM D638
Yield	3.0	%	
Break	4.0	%	
Flexural Modulus	5800	MPa	ASTM D790
Flexural Strength	92.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	76	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	98.0	°C	
1.8 MPa, Unannealed	88.0	°C	

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