

# ACCUTECH™ ABS832G20L

Acrylonitrile Butadiene Styrene  
ACLO Compounders Inc.

Message:

ACCUTECH™ABS832G20L is an acrylonitrile butadiene styrene (ABS) product, and its filler is 20% glass fiber reinforced material. It is available in North America.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	0.50	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.10	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	102		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3900	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	78.0	MPa	ASTM D638
Fracture	78.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	3.0	%	ASTM D638
Fracture	5.0	%	ASTM D638
Flexural Modulus	5700	MPa	ASTM D790
Flexural Strength	114	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	88	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	99.0	°C	ASTM D648
1.8 MPa, not annealed	93.0	°C	ASTM D648
Additional Information			

Ash Content, ASTM D2584: 20%

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Recommended distributors for this material

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