

ACCUTECH™ ABS831G30L

Acrylonitrile Butadiene Styrene
ACLO Compounders Inc.

Message:

ACCUTECH™ ABS831G30L is an Acrylonitrile Butadiene Styrene (ABS) product filled with 30% glass fiber. It is available in North America.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	0.70	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	4900	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	76.0	MPa	
Break	76.0	MPa	
Tensile Elongation			ASTM D638
Yield	3.0	%	
Break	4.0	%	
Flexural Modulus	8000	MPa	ASTM D790
Flexural Strength	100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	68	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	99.0	°C	
1.8 MPa, Unannealed	91.0	°C	

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