

ACCUTECH™ ABS831G40L

Acrylonitrile Butadiene Styrene
ACLO Compounders Inc.

Message:

ACCUTECH™ ABS831G40L is an Acrylonitrile Butadiene Styrene (ABS) product filled with 40% glass fiber. It is available in North America.

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm³	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)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5800	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	78.0	MPa	
Break	78.0	MPa	
Tensile Elongation			ASTM D638
Yield	2.0	%	
Break	3.0	%	
Flexural Modulus	10500	MPa	ASTM D790
Flexural Strength	110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	100	°C	
1.8 MPa, Unannealed	92.0	°C	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

