

ACCUCOMP™ ABS803L

Acrylonitrile Butadiene Styrene
ACLO Compounders Inc.

Message:

ACCUCOMP™ ABS803L is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in North America. Primary characteristic: impact resistant.

General Information			
Features	Medium Impact Resistance		
UL File Number	E56070		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	2.2	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	107		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2100	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	47.0	MPa	
Break	33.0	MPa	
Tensile Elongation			ASTM D638
Yield	4.0	%	
Break	25	%	
Flexural Modulus	2800	MPa	ASTM D790
Flexural Strength	77.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	220	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	90.0	°C	
1.8 MPa, Unannealed	77.0	°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

