

ACCUCOMP™ ABS810L

Acrylonitrile Butadiene Styrene

ACLO Compounders Inc.

Message:

ACCUCOMP™ ABS810L 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	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	2.8	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1650	MPa	ASTM D638
Tensile Strength (Yield)	42.0	MPa	ASTM D638
Tensile Elongation (Break)	26	%	ASTM D638
Flexural Modulus	2600	MPa	ASTM D790
Flexural Strength	65.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	270	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	87.0	°C	
1.8 MPa, Unannealed	75.0	°C	

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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



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