

ACCUCOMP™ ABS809L

Acrylonitrile Butadiene Styrene

ACLO Compounders Inc.

Message:

ACCUCOMP™ ABS809L is an Acrylonitrile Butadiene Styrene (ABS) product. It can be processed by extrusion and is available in North America. Primary characteristic: flame rated.

General Information			
UL File Number	E56070		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	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	0.20	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	45.0	MPa	
Break	33.0	MPa	
Tensile Elongation			ASTM D638
Yield	4.0	%	
Break	30	%	
Flexural Modulus	2200	MPa	ASTM D790
Flexural Strength	65.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C, 3.18 mm	160	J/m	
-30°C, 3.18 mm	260	J/m	
-20°C, 3.18 mm	300	J/m	
23°C, 3.18 mm	520	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	90.0	°C	
1.8 MPa, Unannealed	75.0	°C	
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94

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