

ACCUCOMP™ ABS809SL

Acrylonitrile Butadiene Styrene

ACLO Compounders Inc.

Message:

ACCUCOMP™ ABS809SL 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	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	0.40	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	92		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1500	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	39.0	MPa	
Break	30.0	MPa	
Tensile Elongation			ASTM D638
Yield	4.0	%	
Break	25	%	
Flexural Modulus	2100	MPa	ASTM D790
Flexural Strength	54.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	530	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	86.0	°C	
1.8 MPa, Unannealed	74.0	°C	
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94

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