

ACCUCOMP™ ABS846HL

Acrylonitrile Butadiene Styrene

ACLO Compounders Inc.

Message:

ACCUCOMP™ ABS846HL is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in North America.

Characteristics include:

- Flame Rated
- High Flow
- Impact Resistant

General Information			
Features	High Flow		
	Medium Impact Resistance		
UL File Number	E56070		
Forms	Pellets		
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)	5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40	%	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	42.0	MPa	
Break	30.0	MPa	
Tensile Elongation			ASTM D638
Yield	3.0	%	
Break	40	%	
Flexural Modulus	2200	MPa	ASTM D790
Flexural Strength	62.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	340	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	75.0	°C	
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94

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