

ACCUCOMP™ ASA003L

Acrylonitrile Styrene Acrylate
ACLO Compounders Inc.

Message:

ACCUCOMP™ ASA003L is an Acrylonitrile Styrene Acrylate (ASA) product. It is available in North America.

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	11	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	97		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	41.0	MPa	
Break	32.0	MPa	
Tensile Elongation			ASTM D638
Yield	3.0	%	
Break	30	%	
Flexural Modulus	2100	MPa	ASTM D790
Flexural Strength	60.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	260	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	85.0	°C	
1.8 MPa, Unannealed	70.0	°C	

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