

Veroplas 500

Acrylonitrile Butadiene Styrene

PlastxWorld Inc.

Message:

Veroplas 500 is an Acrylonitrile Butadiene Styrene (ABS) product. It can be processed by injection molding and is available in Europe or North America.

Characteristics include:

Flame Rated

Impact Resistant

General Information			
UL YellowCard	E315545-100118254	E315545-100118255	
Features	General Purpose		
	Medium Flow		
	Medium Impact Resistance		
Uses	General Purpose		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Water Absorption (24 hr)	0.30	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	49.0	MPa	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength	73.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	220	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 12.7 mm)	88.9	°C	ASTM D648
Vicat Softening Temperature	95.0	°C	ASTM D1525 ¹
CLTE - Flow	8.5E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm, ALL)	HB	UL 94	
NOTE			

1. Loading 1 (10 N)

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Recommended distributors for this material

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