

Veroplas 320

Acrylonitrile Butadiene Styrene

PlastxWorld Inc.

Message:

Veroplas 320 is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Europe or North America.

Characteristics include:

Flame Rated

Impact Resistant

General Information			
UL YellowCard	E315545-100091176		
Features	High Impact Resistance		
Forms	Pellets		
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)	39.3	MPa	ASTM D638
Flexural Modulus	2140	MPa	ASTM D790
Flexural Strength	63.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	350	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 12.7 mm)	87.2	°C	ASTM D648
Vicat Softening Temperature	92.8	°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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