

Veroplas 420

Acrylonitrile Butadiene Styrene

PlastxWorld Inc.

Message:

Veroplas 420 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
- Heat Resistant

General Information			
UL YellowCard	E315545-100118261		
Features	High Heat Resistance		
	Low Flow		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	1.7	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)	112		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	46.9	MPa	ASTM D638
Flexural Modulus	2450	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 12.7 mm)	105	°C	ASTM D648
Vicat Softening Temperature	110	°C	ASTM D1525 ¹
CLTE - Flow	7.6E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm, ALL)	HB	UL 94	
NOTE			

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