

Veroplas VGR20

Acrylonitrile Butadiene Styrene

PlastxWorld Inc.

Message:

Veroplas VGR20 is an Acrylonitrile Butadiene Styrene (ABS) product filled with 20% glass fiber. It is available in Europe or North America. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.10 to 0.40	%	ASTM D955
Water Absorption (24 hr)	0.30	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	78.6	MPa	ASTM D638
Flexural Modulus	5590	MPa	ASTM D790
Flexural Strength	118	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 12.7 mm)	106	°C	ASTM D648
Vicat Softening Temperature	112	°C	ASTM D1525 ¹
CLTE - Flow	4.0E-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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