

# Veroplas SERG2

Acrylonitrile Butadiene Styrene

PlastxWorld Inc.

## Message:

Veroplas SERG2 is an Acrylonitrile Butadiene Styrene (ABS) product filled with 20% glass fiber. It is available in Europe or North America.

Characteristics include:

Flame Rated

Flame Retardant

General Information			
UL YellowCard	E315545-100118268		
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Flame Retardant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.20 to 0.50	%	ASTM D955
Water Absorption (24 hr)	0.30	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	116		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	73.8	MPa	ASTM D638
Flexural Modulus	5880	MPa	ASTM D790
Flexural Strength	97.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	96	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	97.2	°C	ASTM D648
Vicat Softening Temperature	103	°C	ASTM D1525
CLTE - Flow	3.1E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.70 mm, ALL	V-0		
2.50 mm, ALL	5V		

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