

Novalloy-S S5220

Polycarbonate + ABS

PlastxWorld Inc.

Message:

Novalloy-S S5220 is a Polycarbonate + ABS (PC+ABS) product filled with 20% glass fiber. It can be processed by injection molding and is available in Europe.

Characteristics include:

Flame Rated

Flame Retardant

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Flame Retardant		
	General Purpose		
Uses	General Purpose		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.10 to 0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	97.9	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	5980	MPa	ASTM D790
Flexural Strength	134	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	133	°C	ASTM D648
CLTE - Flow	4.1E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value	Test Method	
Flame Rating (1.65 mm)	V-0	UL 94	

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Recommended distributors for this material

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