

# Novalloy-S S5230

Polycarbonate + ABS

PlastxWorld Inc.

## Message:

Novalloy-S S5230 is a Polycarbonate + ABS (PC+ABS) product filled with 30% 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,30% 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	1.43	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.10 to 0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	125	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	8140	MPa	ASTM D790
Flexural Strength	159	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	137	°C	ASTM D648
CLTE - Flow	3.2E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value	Test Method	
Flame Rating (1.65 mm)	V-0	UL 94	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

