

Novalloy-A A5566

Acrylonitrile Butadiene Styrene + Nylon

PlastxWorld Inc.

Message:

Novalloy-A A5566 is an acrylonitrile butadiene styrene nylon (ABS nylon) product, which contains a glass fiber reinforced material. It is available in North America.
Features include:
flame retardant/rated flame
Flame Retardant

General Information				
Filler / Reinforcement		Glass fiber reinforced material		
Additive		Flame retardancy		
Features		Flame retardancy		
Forms		Particle		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.46	--	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.20 - 0.40	--	%	ASTM D955
Water Absorption (24 hr)	0.60	--	%	ASTM D570
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness (R-Scale)	113	101		ASTM D785
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength (Yield, 23°C)	113	97.9	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	2.0	2.5	%	ASTM D638
Flexural Modulus (23°C)	7580	7170	MPa	ASTM D790
Flexural Strength (23°C)	152	142	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm)	80	91	J/m	ASTM D256
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, unannealed, 6.35mm	200	200	°C	ASTM D648
1.8 MPa, unannealed, 6.35mm	160	150	°C	ASTM D648
Flammability	Dry	Conditioned		Test Method
Flame Rating (ALL)	V-0	--		UL 94
Additional Information				
干燥				
Water Absorption, ASTM D570, 73°F, 24 hr: 0.6 %				

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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

