

Novalloy-A A2601

Acrylonitrile Butadiene Styrene + Nylon

PlastxWorld Inc.

Message:

Novalloy-A A2601 is an Acrylonitrile Butadiene Styrene + Nylon (ABS+Nylon) product filled with 30% glass fiber. It is available in Europe.

Characteristics include:

- Flame Rated
- High Strength
- Impact Resistant

General Information				
Filler / Reinforcement		Glass Fiber,30% Filler by Weight		
Features		High Impact Resistance		
		High Tensile Strength		
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.10	--	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.70	--	%	ASTM D955
Water Absorption (24 hr)	0.70	--	%	ASTM D570
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength (Break)	51.0	40.0	MPa	ASTM D638
Tensile Elongation (Break)	10	12	%	ASTM D638
Flexural Modulus	2140	1650	MPa	ASTM D790
Flexural Strength	75.8	55.2	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact				ASTM D256
--	--	190	J/m	
23°C, 3.18 mm	150	--	J/m	
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)				
	107	98.9	°C	ASTM D648
Flammability	Dry	Conditioned		Test Method
Flame Rating (1.50 mm)	HB	--		UL 94

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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

