

# Novalloy-A A2603

Acrylonitrile Butadiene Styrene + Nylon

PlastxWorld Inc.

Message:

Novalloy-A A2603 is an Acrylonitrile Butadiene Styrene + Nylon (ABS+Nylon) product filled with 15% glass fiber. It is available in Europe.

Characteristics include:

- Flame Rated
- High Strength
- Impact Resistant

General Information				
Filler / Reinforcement		Glass Fiber,15% Filler by Weight		
Features		High Impact Resistance		
		High Tensile Strength		
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.20	--	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.10 to 0.50	--	%	ASTM D955
Water Absorption (24 hr)	0.70	--	%	ASTM D570
Hardness	Dry	Conditioned	Unit	Test Method
Rockwell Hardness	116	--		ASTM D785
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength (Break)	82.7	62.1	MPa	ASTM D638
Tensile Elongation (Break)	6.0	7.0	%	ASTM D638
Flexural Modulus	4270	3240	MPa	ASTM D790
Flexural Strength	117	96.5	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact				ASTM D256
--	--	170	J/m	
23°C, 3.18 mm	140	--	J/m	
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)				
	165	150	°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

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