

Novalloy-A A1700

Acrylonitrile Butadiene Styrene + Nylon

PlastxWorld Inc.

Message:

Novalloy-A A1700 is an Acrylonitrile Butadiene Styrene + Nylon (ABS+Nylon) product. It is available in Europe.

Characteristics include:

- Flame Rated
- High Strength
- Impact Resistant

General Information				
Features		High Impact Resistance		
		High Tensile Strength		
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.09	--	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60 to 0.90	--	%	ASTM D955
Water Absorption (24 hr)	0.98	--	%	ASTM D570
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Strength (Yield)	46.9	31.0	MPa	ASTM D638
Tensile Elongation (Break)	100	200	%	ASTM D638
Flexural Modulus	2160	814	MPa	ASTM D790
Flexural Strength	75.2	46.2	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact				ASTM D256
--	--	430	J/m	
23°C, 3.18 mm	150	--	J/m	
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)				
	80.0	77.8	°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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