

Novalloy-A A2604

Acrylonitrile Butadiene Styrene + Nylon

PlastxWorld Inc.

Message:

Novalloy-A A2604 is an Acrylonitrile Butadiene Styrene + Nylon (ABS+Nylon) product filled with 20% glass fiber. It is available in Europe.

Characteristics include:

Flame Rated

High Strength

Impact Resistant

General Information				
Filler / Reinforcement	Glass Fiber,20% Filler by Weight			
Features	High Impact Resistance High Tensile Strength			
Forms	Pellets			
Physical	Dry	Conditioned	Unit	Test Method
Specific Gravity	1.23	--	g/cm ³	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)	96.5	75.8	MPa	ASTM D638
Tensile Elongation (Break)	4.0	6.0	%	ASTM D638
Flexural Modulus	5170	3930	MPa	ASTM D790
Flexural Strength	145	117	MPa	ASTM D790
Impact	Dry	Conditioned	Unit	Test Method
Notched Izod Impact				ASTM D256
--	--	180	J/m	
23°C, 3.18 mm	150	--	J/m	
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	165	150	°C	ASTM D648
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (1.50 mm)	HB	--		UL 94

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