

# Novalloy-A A2704

Acrylonitrile Butadiene Styrene + Nylon

PlastxWorld Inc.

## Message:

Novalloy-A A2704 is an acrylonitrile butadiene styrene nylon (ABS nylon) product. It is available in North America.

Features include:

flame retardant/rated flame

Heat resistance

General Information			
Features	Heat resistance, high		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.31	g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage	0.10 - 0.50	%	ISO 294-4
Water Absorption (24 hr)	1.0	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	117		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	128	MPa	ISO 527-2
Flexural Modulus	6960	MPa	ISO 178
Flexural Stress	206	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	14	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	220	°C	ASTM D648
1.8 MPa, not annealed	200	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94
Additional Information			

The value listed as Mold Shrinkage, ISO 294, was tested in accordance with ISO 2577.

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## Recommended distributors for this material

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