

# Novalloy-B B5736

Acrylonitrile Butadiene Styrene + PBT

PlastxWorld Inc.

## Message:

Novalloy-B B5736 is an Acrylonitrile Butadiene Styrene + PBT (ABS+PBT) product filled with 30% glass fiber. It is available in Europe.

Characteristics include:

Flame Rated

Flame Retardant

Heat Resistant

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Flame Retardant		
	High Heat Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.64	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	121	MPa	ASTM D638
Tensile Elongation (Break)	1.5	%	ASTM D638
Flexural Modulus	10100	MPa	ASTM D790
Flexural Strength	177	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	205	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating (0.800 mm)	V-0	UL 94	

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## Recommended distributors for this material

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