

# Novalloy-B B5722

Acrylonitrile Butadiene Styrene + PBT

PlastxWorld Inc.

## Message:

Novalloy-B B5722 is an Acrylonitrile Butadiene Styrene + PBT (ABS+PBT) product filled with 10% glass fiber. It is available in Europe.

Characteristics include:

Flame Rated

Flame Retardant

Heat Resistant

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Flame Retardant		
	High Heat Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.40 to 1.7	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	70.3	MPa	ASTM D638
Tensile Elongation (Break)	2.6	%	ASTM D638
Flexural Modulus	4810	MPa	ASTM D790
Flexural Strength	119	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	37	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	150	°C	ASTM D648
RTI Elec	140	°C	UL 746
RTI Imp	100	°C	UL 746
RTI Str	130	°C	UL 746
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	V-0	UL 94	

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Recommended distributors for this material

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