

Novalloy-B B2703

Acrylonitrile Butadiene Styrene + PBT

PlastxWorld Inc.

Message:

Novalloy-B B2703 is an Acrylonitrile Butadiene Styrene + PBT (ABS+PBT) product filled with 15% glass fiber. It is available in Europe. Primary characteristic: heat resistant.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Features	High Heat Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40 to 0.70	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	82.7	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	5310	MPa	ASTM D790
Flexural Strength	131	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	185	°C	ASTM D648
CLTE - Flow	5.4E-5	cm/cm/°C	ASTM D696

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