

Novalloy-B B2704

Acrylonitrile Butadiene Styrene + PBT

PlastxWorld Inc.

Message:

Novalloy-B B2704 is an Acrylonitrile Butadiene Styrene + PBT (ABS+PBT) product filled with 20% glass fiber. It is available in Europe. Primary characteristic: heat resistant.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	High Heat Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	94.5	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	6460	MPa	ASTM D790
Flexural Strength	143	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	190	°C	ASTM D648
CLTE - Flow	5.4E-5	cm/cm/°C	ASTM D696

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