

# Verolloy B2504

Acrylonitrile Butadiene Styrene + PBT  
PlastxWorld Inc.

Message:

Verolloy B2504 is an Acrylonitrile Butadiene Styrene + PBT (ABS+PBT) product filled with 20% glass fiber. It is available in Europe or North America.  
Primary characteristic: heat resistant.

General Information			
UL YellowCard	E315545-100118281		
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	High Heat Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	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)	91.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	5860	MPa	ASTM D790
Flexural Strength	137	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	125	°C	ASTM D648

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