

PTS PPE-AG30-BK

Polyamide + PPE

Polymer Technology and Services, LLC

Message:

PTS PPE-AG30-BK is a Polyamide + PPE (Nylon+PPE) product filled with 30% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	138	MPa	ASTM D638
Tensile Elongation (Break)	7.5	%	ASTM D638
Flexural Modulus	7580	MPa	ASTM D790
Flexural Strength (Yield)	228	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	91	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	246	°C	
1.8 MPa, Unannealed	235	°C	

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