

# PTS PCA-30G00

Polycarbonate + PBT

Polymer Technology and Services, LLC

## Message:

PTS PCA-30G00 is a Polycarbonate + PBT (PC+PBT) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

Flame Rated

Impact Modified

General Information			
UL YellowCard	E155285-223916		
Additive	Impact Modifier		
Features	Impact Modified		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/3.8 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.75 to 1.0	%	ASTM D955
Water Absorption (24 hr)	0.030	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 3.17 mm)	53.0	MPa	ASTM D638
Tensile Elongation (Break, 3.17 mm)	120	%	ASTM D1708
Flexural Modulus (3.17 mm)	2000	MPa	ASTM D790
Flexural Strength (3.17 mm)	82.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
3.17 mm	800	J/m	
20°C	530	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	101	°C	
1.8 MPa, Unannealed	98.9	°C	
RTI Elec	75.0	°C	UL 746
RTI Imp	75.0	°C	UL 746
RTI Str	75.0	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	HB		
3.00 mm	HB		

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### Recommended distributors for this material

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