

PTS PCA-2010NH

Polycarbonate + ABS

Polymer Technology and Services, LLC

Message:

PTS PCA-2010NH is a Polycarbonate + ABS (PC+ABS) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

Flame Rated

Flame Retardant

Halogen Free

General Information			
UL YellowCard	E155285-101364507	E155285-101364508	E155285-101364510
	E155285-101364511	E155285-296643	
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/2.16 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 3.17 mm)	60.0	MPa	ASTM D638
Tensile Elongation (Break, 3.18 mm)	50	%	ASTM D638
Flexural Modulus (3.17 mm)	2570	MPa	ASTM D790
Flexural Strength (3.17 mm)	59.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.17 mm)	530	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	95.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	96.1	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	232 to 266	°C	
Middle Temperature	246 to 274	°C	
Front Temperature	246 to 288	°C	
Nozzle Temperature	246 to 288	°C	

Processing (Melt) Temp	246 to 288	°C
Mold Temperature	57.2 to 85.0	°C
Injection Pressure	68.9 to 110	MPa
Back Pressure	0.172 to 0.689	MPa
Screw Speed	25 to 75	rpm

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

