

Shinblend® A724

Polycarbonate + PBT

Shinkong Synthetic Fiber Corp.

Message:

Shinblend® A724 is a Polycarbonate + PBT (PC+PBT) material. It is available in North America.

Important attributes of Shinblend® A724 are:

Chemical Resistant

Good Weather Resistance

Impact Resistant

Typical application of Shinblend® A724: Automotive

General Information			
UL YellowCard	E107536-511198		
Features	General Purpose		
	Good Chemical Resistance		
	Good Flow		
	Good Impact Resistance		
	Good Weather Resistance		
Uses	Automotive Exterior Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/5.0 kg)	6.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	53.8	MPa	ASTM D638
Tensile Elongation (Yield)	60	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength (Yield)	78.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C, 3.18 mm	380	J/m	
-20°C, 3.18 mm	170	J/m	
23°C, 3.18 mm	690	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	100	°C	ASTM D648

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Recommended distributors for this material

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