

## Industrial Laminates/Norplex NP185 Carbon Fiber (discontinued \*\*)

Category : Polymer , Thermoset , Aramid , Carbon Fiber/Thermoset Composite , Phenolic

### Material Notes:

Description: NP185, aramid fiber fabric/phenolic surfaces (2 ply each side) on NP504 core material. Excellent mechanical properties at elevated temperatures and in adverse environments. Used as wear strips in high temperature environments. Thickness Tested: 0.250"

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Industrial-LaminatesNorplex-NP185-Carbon-Fiber-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Industrial-LaminatesNorplex-NP185-Carbon-Fiber-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.68 g/cc	1.68 g/cc	
Moisture Absorption at Equilibrium	1.32 % @Thickness 1.57 mm	1.32 % @Thickness 0.0620 in	

Mechanical Properties	Metric	English	Comments
Flexural Strength	303 MPa @Thickness 1.57 mm	43900 psi @Thickness 0.0620 in	CW
	417 MPa @Thickness 1.57 mm	60500 psi @Thickness 0.0620 in	LW
Izod Impact, Unnotched	5.55 J/cm @Thickness 12.7 mm	10.4 ft-lb/in @Thickness 0.500 in	CW, E-48/50
	6.30 J/cm @Thickness 12.7 mm	11.8 ft-lb/in @Thickness 0.500 in	LW, E-48/50

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	170 °C	338 °F	Maximum Operating Temperature

## Contact Songhan Plastic Technology Co.,Ltd.

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