

## Spartech Noryl® SP-5210 Specialty Sheet

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO

### Material Notes:

Description: Specialty Sheet Noryl is a registered trademark of General Electric Company. Information provided by Spartech.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Spartech-Noryl-SP-5210-Specialty-Sheet.php](http://www.lookpolymers.com/polymer_Spartech-Noryl-SP-5210-Specialty-Sheet.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	113	113	ASTM D785
Tensile Strength, Yield	44.8 MPa	6500 psi	ASTM D638
Tensile Modulus	2.21 GPa	320 ksi	ASTM D638
Flexural Yield Strength	57.2 MPa	8300 psi	ASTM D790
Flexural Modulus	2.34 GPa	340 ksi	ASTM D790
Izod Impact, Unnotched	3.74 J/cm	7.00 ft-lb/in	ASTM D256
	1.60 J/cm	3.00 ft-lb/in	ASTM D256
	@Temperature -40.0 °C	@Temperature -40.0 °F	
Falling Dart Impact	24.85 J	18.33 ft-lb	73°F; ASTM D3029
	13.6 J	10.0 ft-lb	ASTM D3029
	@Temperature -40.0 °C	@Temperature -40.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear	73.8 Åµm/m-Å°C	41.0 Åµin/in-Å°F	ASTM D696
	@Temperature 20.0 Å°C	@Temperature 68.0 Å°F	
Deflection Temperature at 1.8 MPa (264 psi)	85.0 Å°C	185 Å°F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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