

## SABIC Innovative Plastics Noryl PKN4766 PPE+HIPS (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polystyrene (PS)

### Material Notes:

NORYL PKN4766 is a translucent PPO+PS extrusion grade for dilution with polystyrene resin. It is suitable for (microwavable) food packaging and is compliant with US and European food contact regulations. This data was supplied by SABIC-IP for the Europe-Africa-Middle East region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-Noryl-PKN4766-PPEHIPS-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-Noryl-PKN4766-PPEHIPS-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	65.0 MPa	9430 psi	50 mm/min; ISO 527
Elongation at Break	4.5 %	4.5 %	50 mm/min; ISO 527
Tensile Modulus	2.85 GPa	413 ksi	1 mm/min; ISO 527
Flexural Yield Strength	105 MPa	15200 psi	2 mm/min; ISO 178
Flexural Modulus	2.65 GPa	384 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	1.00 kJ/m <sup>2</sup>	0.476 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
	@Temperature -30.0 °C	@Temperature -22.0 °F	
	2.00 kJ/m <sup>2</sup>	0.952 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	0.100 J/cm <sup>2</sup>	0.476 ft-lb/in <sup>2</sup>	V-notch Edgew 80*10*4 sp=62mm; ISO 179/1eA
	@Temperature -30.0 °C	@Temperature -22.0 °F	
	0.200 J/cm <sup>2</sup>	0.952 ft-lb/in <sup>2</sup>	V-notch Edgew 80*10*4 sp=62mm; ISO 179/1eA
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	115 °C	239 °F	Edgew 120*10*4 sp=100mm; ISO 75/Be
Deflection Temperature at 1.8 MPa			Edgew 120*10*4 sp=100mm; ISO

(264 psi) Thermal Properties	102 Å°C Metric	216 Å°F English	75/Ae Comments
Vicat Softening Point	128 Å°C	262 Å°F	Rate A/50; ISO 306

## Contact Songhan Plastic Technology Co.,Ltd.

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