

## SABIC Innovative Plastics NORYL EZ250 PPE+PS

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

### Material Notes:

Automotive wheel covers. Offers superior processability/flow and better chemical resistance when exposed to many automotive fluids over PX0844.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-NORYL-EZ250-PPEPS.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-NORYL-EZ250-PPEPS.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D792
Water Absorption	0.10 %	0.10 %	ASTM D570
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	SABIC Method
	@Thickness 3.20 mm	@Thickness 0.126 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	44.0 MPa	6380 psi	Type I, 50 mm/min; ASTM D638
Elongation at Break	40 %	40 %	Type I, 50 mm/min; ASTM D638
Flexural Yield Strength	68.0 MPa	9860 psi	2.6 mm/min, 100 mm span; ASTM D790
Flexural Modulus	1.99 GPa	289 ksi	2.6 mm/min, 100 mm span; ASTM D790
Izod Impact, Notched	2.93 J/cm	5.49 ft-lb/in	ASTM D256
	1.33 J/cm	2.49 ft-lb/in	
Dart Drop, Total Energy	39.0 J	28.8 ft-lb	Instrumented Impact Energy @ peak; ASTM D3763
	33.0 J	24.3 ft-lb	
	@Temperature -40.0 Â°C	@Temperature -40.0 Â°F	ASTM D256
	@Temperature -40.0 Â°C	@Temperature -40.0 Â°F	Instrumented Impact Energy @ peak; ASTM D3763

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	126 Â°C	259 Â°F	unannealed; ASTM D648
	@Thickness 6.40 mm	@Thickness 0.252 in	
	112 Â°C	234 Â°F	

Deflection Temperature at 1.8 MPa  
(104 psi)  
**Thermal Properties**

**Metric**  
@ Thickness 6.40 mm

**English**  
@ Thickness 0.252 in

unannealed; ASTM D648  
**Comments**

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China