

**Polyplastic Torlen® PE 2K 901 High Density Polyethylene, Carbon Filled**

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Carbon Black Filled

**Material Notes:**

Information provided by PolyPlastic Group.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polyplastic-Torlen-PE-2K-901-High-Density-Polyethylene-Carbon-Filled.php](http://www.lookpolymers.com/polymer_Polyplastic-Torlen-PE-2K-901-High-Density-Polyethylene-Carbon-Filled.php)

Physical Properties	Metric	English	Comments
Density	0.942 - 0.952 g/cc	0.0340 - 0.0344 lb/in <sup>3</sup>	ISO 1183
Melt Flow	0.30 - 0.60 g/10 min	0.30 - 0.60 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	1.5 - 2.2 g/10 min	1.5 - 2.2 g/10 min	ISO 1133
	@Load 5.00 kg, Temperature 190 °C	@Load 11.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	>= 60	>= 60	ASTM D 2240
Tensile Strength at Break	22.0 MPa	3190 psi	ASTM D 638
Tensile Strength, Yield	18.0 MPa	2610 psi	ASTM D 638
Elongation at Break	600 %	600 %	ASTM D 638

Thermal Properties	Metric	English	Comments
Vicat Softening Point	115 °C	239 °F	ISO 306
Brittleness Temperature	-70.0 °C	-94.0 °F	ASTM D 746

Processing Properties	Metric	English	Comments
Melt Temperature	125 - 130 °C	257 - 266 °F	

**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