

# PRODUCT DATA SHEET



## GRPLENE-HI-BK01

### Product Description

Thermoplastic Elastomer

### General

Forms - Pellets  
Appearance/Color - Black  
Processing Method - Injection molding

Properties	Typical Value	Unit	Test Method
Specific Gravity	0.96	-	ASTM D -792
Melt flow index	5±3	g/10min	ASTM D-1238
Tensile Strength	18	Mpa	ASTM D-638
Elongation at Break	145	%	ASTM D-638
Flexural Modulus	750	MPa	ASTM D-790
Notched Izod Impact strength	250	j/m	ASTM D-256A
Hardness	85	Shore A	ASTM D-2240



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### Drying conditions

It is recommended to pre dry TPE granules at 65-80 °C for 1-2 Hrs.

### Note

All Properties measured at 23 Deg. / 50% RH. Only typical data for material selection purposes only. Users have to establish material suitability. The information & data presented herein are to the best of our knowledge. No warranty or guarantee expressed or implied is made regarding performance. The information and data are subject to change without prior intimation based on research and development work undertaken by the company.

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