



**POLESTAR POLYMERS**

An ISO 9001 : 2015 Certified Company

# **POLESTAR<sup>®</sup> PPCP**

## **Technical Data Sheet - Rods**

<b>Properties</b>	<b>Test Method</b>	<b>Unit</b>	<b>Value</b>
Density at 23°C	ASTM D 1505	g / cc	0.90 ~ 0.92
Tensile Strength at Yield (50mm/min)	ASTM D 638	MPa	37
Elongation at Yield (50mm/min)	ASTM D 638	%	12
Flexural Modulus (1% secant)	ASTM D 790A	MPa	1450
Izod Impact Strength (Notched 23°C)	ASTM D 256	J/m	30
Heat Deflection temperature (455kPA)	ASTM D 648	°C	86

**Note:** The information contained herein are typical values intended for reference and comparison purposes only. They should not be used as a basis for design specifications or quality control. POLESTAR POLYMERS will not provide any legally binding guarantee of certain properties or any suitability.