



POLESTAR POLYMERS

An ISO 9001 : 2015 Certified Company

POLESTAR® PPHP

Technical Data Sheet - Rods

Property	Test Method	Unit	Value
Density at 23°C	ASTM D 1505	g / cc	0.90 ~ 0.92
Tensile Strength at Yield (50mm/min)	ASTM D 638	Mpa	35
Elongation at Yield (50mm/min)	ASTM D 638	%	12
Flexural Modulus (1% secant)	ASTM D 790A	Mpa	1400
Izod Impact Strength (Notched 23°C)	ASTM D 256	J/m	44
Heat Deflection temperature (455 Kpa)	ASTM D 648	°C	105

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.