



POLESTAR POLYMERS

An ISO 9001 : 2015 Certified Company

POLESTAR® PPHP

Technical Data Sheet - Sheets

Properties	Test Method	Unit	Value
Density at 23°C	ASTM D 1505	g / cm ³	0.90 ~ 0.92
Tensile Strength at Yield (50mm/min)	ASTM D 638	MPa	27
Elongation at Yield (50mm/min)	ASTM D 638	%	10
Flexural Modulus (1% secant)	ASTM D 790A	MPa	1000
Izod Impact Strength (Notched - 23°C)	ASTM D 256	J/m	40
Shore Hardness		D Scale	70
Heat Deflection Temperature (455 kPa)	ASTM D 648	°C	75

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.