



POLESTAR[®] NYLON (PA6) - Extruded

Technical Data Sheet - Rods

Properties	Test Method	Unit	Value
Specific Gravity	ASTM D 792		1.120
Heat Deflection Temp. at 264 psi	ASTM D 648	°C	61.500
Tensile Strength at yield	ASTM D 638	Kg/Cm ²	727.000
Elongation at Break	ASTM D 638	%	282.000
Flexural Strength	ASTM D 790	Kg/Cm ²	971.000
Izod Impact Strength-Notched	ASTM D 256	KGcm/cmNch	4.070
Rockwell Hardness	ASTM D 785	RHR	117.000

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.