SHIBAAM POLYMERS

## **TEST CERTIFICATE**

Product: Nylon Square Rods

Test Parameter	Standard Value	Test Result	Remarks
Width Tolerance	+/- 0.2 mm	+/- 0.18 mm	Within Standard
Density	$1.15 \text{ g/cm}^3$	$1.15 \text{ g/cm}^3$	Conforms
Tensile Strength	≥ 80 MPa	85 MPa	Conforms
Elongation at Break	≥ 25%	27%	Conforms
Hardness (Shore D)	75 - 85	78	Conforms
Impact Strength	High	High	Conforms
Water Absorption	< 1.2% (24 hrs)	1.1%	Conforms
Melting Point	~220°C	220°C	Conforms
Thermal Stability	Up to 100°C	100°C	Conforms
<b>Chemical Resistance</b>	Excellent	Excellent	Conforms

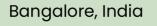
## **Test Parameters and Results**

## **Declaration**

This is to certify that the above-mentioned Nylon Square Rods have been tested as per industry standards and specifications. The results meet or exceed the required benchmarks for industrial-grade use.

The testing has been conducted under the supervision of qualified professionals, adhering to stringent quality control measures, ensuring compliance with applicable standards and best practices.

+91 94488 34807 info@shibaam.com



💮 www.shibaam.com