



CAST NYLON RODS & SHEETS TEST CERTIFICATE	
PRODUCT	Cast Nylon
Melting Temperature	2150C
Density	1.14-1.16g/cm ³
Tensile strength at yield	750-850 kg/cm ³
Elongation at yield	12-13%
E-modulus	24,000 to 26,300 kg/cm ³
Hardness Rockwell 230C	R 107 -112
Durometre 230C	D 82-89
Temperature of deflection	800C
Compression Strength at yield	940 kg/cm ³
Notched impact strength	5-11 kg cm/cm
Impact strength at +200C	10 kg cm/cm
Water absorption at 200C	0.3-3%
Flexural strength	1000-1350 kg/cm ²
Resistance to heat (continuous)	In Air 800C Water 1000C 1400C In Oil
Effect of weak acids	Resistant
Effect of strong acids	Attacked
Effect of weak alkalies	None
Effect of strong alkalies	None
Effect of Organic Solvents	Resistant to common solvents

We confirmed that the above mentioned properties comply with the material supplied

