



PRODUCT CAPABILITIES:

- Rod : 10mm - 50mm
- Sheet : 5mm - 50mm

PRODUCT COLORS:

- Beige (Natural)

ADVANTAGES:

- No Sloughing
- Fast Static Discharge, Less Than 2 sec

APPLICATIONS INCLUDE:

- Semiconductor Jig / Fixture
- LCD
- Electronic Components
- Tray
- Liner
- Roller
- Bush

** MONOCAST® is the registered trademark of

NIPPON POLYPENCO

GENERAL PROPERTIES	ASTM or UL Test	MONOCAST® MC 500AS R11 Typical Values
PHYSICAL		
Specific Gravity (g/cm ³)	D792	1.15
MECHANICAL		
Tensile Strength (kgf/cm ²)	D638	530
Tensile Elongation at Break(%)	D638	162
Flexural Strength (kgf/cm ²)	D790	460
Flexural Modulus (10 ³ kgf/cm ²)	D790	12.4
Compressive Strength (10 ³ kgf/cm ²)	D695	0.34
Compressive Modulus (10 ³ kgf/cm ²)	D695	13.4
Hardness, Rockwell	D785	R 93
IZOD Notched Impact (kgf · cm/2.54cm)	D256	46.6
THERMAL		
Heat Deflection Temp °F (°C) @264 psi	D648	167 / 75
ELECTRICAL		
Volume Resistivity (ohm-cm) at 50% RH	D257	10 ¹⁰ - 10 ¹²

NOTE: The information contained here in is typical values intended for reference only. They should NOT be used as a basis for design specifications or quality control.