

Description

PP (Polypropylene) material is tough material with some flexibility. It is chemical, heat and wear resistant. Being fatigue resistant PP lends itself to a wide range of applications from meter boxes, packaging, containers, enclosures plus automotive and transportation components.

Specification	Measurement Method	Measurement Condition	Unit	Microwave Parts Measured Result
Tensile Strength	ISO 527 (JIS K7161)	-	MPa	26
Flexural Strength	ISO 178 (JIS K7171)	-	MPa	33
Flexural Modulus	ISO 178 (JIS K7171)	-	MPa	1200
Impact Strength, Charpy (With Notch)	ISO 179/1eA (JIS K7111)	23°C	kJ/□	37.2
Rockwell Hardness	ISO 2039 (JIS K7202-2)	-	-	-
Heat Deflection Temperature Under Load	ISO 75 (JIS K7191-1,2)	0.45MPa	°C	90

NOVATEC® PP BC6D

