

Description

ABS (Acrylonitrile butadiene styrene) is an engineering plastic best known for its impact strength, rigidity, and overall toughness. ABS is very structurally sturdy, which is why it is used in things like camera housings, protective housings, and packaging.

Specification	Measurement Method	Measurement Condition	Unit	Microwave Parts Measured Result
Tensile Strength	ISO 527 (JIS K7161)	-	MPa	37
Flexural Strength	ISO 178 (JIS K7171)	-	MPa	68
Flexural Modulus	ISO 178 (JIS K7171)	-	MPa	2400
Impact Strength, Charpy (With Notch)	ISO 179/1eA (JIS K7111)	23°C	kJ/□	20
Rockwell Hardness	ISO 2039 (JIS K7202-2)	-	-	
Heat Deflection Temperature Under Load	ISO 75 (JIS K7191-1,2)	1.8MPa	°C	92

TECHNO UMG ABS BC6D

