

ABS-50 10415

Property	Unit	Value
MFI	g/10min	35
Density	g/ml	1.04
Vicat softening temperature	°C	95
Heat Deflection temperature	°C	85
Izod impact strength (notched)	J/m	184
(Izod impact strength(notched	kJ/m²	23
Flexural modulus-MD	MPa	22000
Flexural strength	MPa	650
Tensile elongation	%	20
Tensile strength	MPa	455
Rockwell Hardness	R-Scale	109


1) Product Description: Acrylonitrile butadiene styrene or ABS is an amorphous structure thermoplastic made from the polymerization of styrene and acrylonitrile in the presence of polybutadiene, which will have different properties depending on the percentage of each monomer.

2) Applications: Electronic and Electrical parts, vacuum cleaner, washing machine cover and Refrigerator door cap & etc.

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