

HP100S

Description

HP100S is a product apply for injection molding/extrusion, with high impact and high whiteness.

Key Features

Opacity, Hot Stamping, Paintability,
Multi-axial Impact Strength, High
Stiffness, High Impact Strength

Application

Bags, fans, electric toothbrushes

Plant

China(Huizhou)

Properties	Condition	Method	Unit	HP100S
Mechanical				
Tensile Strength at Yield	23°C, 50mm/min, 3.2mm	ASTM D638	MPa	40
Flexural Strength	23°C, 10mm/min, 6.4mm	ASTM D790	MPa	59
Flexural Modulus	23°C, 10mm/min, 6.4mm	ASTM D790	MPa	1950
Izod Impact Strength	Notched, 6.4mm, 23°C	ASTM D256	J/m	43
Rockwell Hardness	R-Scale	ASTM D785		95
Thermal				
Heat Deflection Temperature	Edgewise, 1.82MPa, 6.4mm, Unannealed	ASTM D648	°C	82

Note

Typical values can be used only for the purpose of selecting material, and there can be variation within normal tolerances for various colors.

Values given should not be interpreted as specification and not be used for designing part or tool.

All properties, except melt flow index are measured by injection molded specimens after 48 hours storage at 23°C, 50% relative humidity.

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