

Technical Data Sheet (ASTM)

ABS(Acrylonitrile Butadiene Styrene)

HU600PF

Features High heat resistance, Painting use
Applications Automobile parts, Outside back panel, Large size garnish

Physical	Test Method	Value
Density	ASTM D792	1.06 g/cm ³
Melt Flow Index (200°C, 21.6kg)	ASTM D1238	15 g/10min
Water absorption	ASTM D570	- %
Mold Shrinkage	ASTM D955	0.5 ~ 0.8 %

Mechanical	Test Method	Value
Tensile Strength	ASTM D638	46 MPa
Elongation	ASTM D638	25 %
Flexural Strength	ASTM D790	65 MPa
Flexural Modulus	ASTM D790	2,210 MPa
Izod Impact Strength(3.2mm, 23°C)	ASTM D256	160 J/m
Izod Impact Strength(6.4mm, 23°C)	ASTM D256	130 J/m
Rockwell Hardness(R scale)	ASTM D785	110

Thermal	Test Method	Value
Heat Deflection Temperature(18.6kgf/cm ²)	ASTM D648	101 °C
Vicat Softening Temperature(5kg, 50°C/h)	ASTM D1525	111 °C

Flammability	Test Method	Value
Flame Rating - UL (1.6mm)	UL 94	HB

Notes

These are just typical properties, not specifications. Users should confirm results by their own test.