

Technical Data Sheet (ASTM)

ABS(Acrylonitrile Butadiene Styrene)
HU650ZW

Features Low gloss, High heat resistance, weather stable
Applications Injected parproducts demanding for heat resistance and low gloss

Physical	Test Method	Value
Density	ASTM D792	1.06 g/cm ³
Melt Flow Index (200°C, 21.6kg)	ASTM D1238	7 g/10min
Water absorption	ASTM D570	- %
Mold Shrinkage	ASTM D955	0.5 ~ 0.8 %

Mechanical	Test Method	Value
Tensile Strength	ASTM D638	48 MPa
Elongation	ASTM D638	30 %
Flexural Strength	ASTM D790	63 MPa
Flexural Modulus	ASTM D790	2,100 MPa
Izod Impact Strength(3.2mm, 23°C)	ASTM D256	147 J/m
Izod Impact Strength(6.4mm, 23°C)	ASTM D256	130 J/m
Rockwell Hardness(R scale)	ASTM D785	105

Thermal	Test Method	Value
Heat Deflection Temperature(18.6kgf/cm ²)	ASTM D648	105 °C
Vicat Softening Temperature(5kg, 50°C/h)	ASTM D1525	115 °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.