

## Technical Data Sheet ( ASTM )

### ABS(Acrylonitrile Butadiene Styrene)

## HU630

**Features** High heat resistance, High chemical resistance

**Applications** Automobile air vent cover, duct, knob

Physical	Test Method	Value
Density	ASTM D792	1.06 g/cm <sup>3</sup>
Melt Flow Index (200°C, 21.6kg)	ASTM D1238	6.5 g/10min
Water absorption	ASTM D570	- %
Mold Shrinkage	ASTM D955	0.5 ~ 0.8 %

Mechanical	Test Method	Value
Tensile Strength	ASTM D638	44 MPa
Elongation	ASTM D638	20 %
Flexural Strength	ASTM D790	61 MPa
Flexural Modulus	ASTM D790	2,000 MPa
Izod Impact Strength(3.2mm, 23°C)	ASTM D256	190 J/m
Izod Impact Strength(6.4mm, 23°C)	ASTM D256	160 J/m
Rockwell Hardness(R scale)	ASTM D785	107

Thermal	Test Method	Value
Heat Deflection Temperature(1.8MPa, Unannealed)	ASTM D648	104 °C
Vicat Softening Temperature(B50)	ASTM D1525	114 °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.