

Technical Data Sheet (ASTM)

ABS(Acrylonitrile Butadiene Styrene)

H2938ZW

Features	Low gloss, Heat resistance
Applications	Injected products for heat resistance and low gloss

Physical	Test Method	Value
Density	ASTM D792	1.05 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	465 kgf/cm ²
Elongation	ASTM D638	25 %
Flexural Strength	ASTM D790	610 kgf/cm ²
Flexural Modulus	ASTM D790	22,000 kgf/cm ²
Izod Impact Strength(3.2mm, 23°C)	ASTM D256	18 kgf-cm/cm
Izod Impact Strength(6.4mm, 23°C)	ASTM D256	15 kgf-cm/cm
Rockwell Hardness(R scale)	ASTM D785	112

Thermal	Test Method	Value
Heat Deflection Temperature(18.6kgf/cm ²)	ASTM D648	90 °C
Vicat Softening Temperature(5kg, 50°C/h)	ASTM D1525	100 °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.