

Technical Data Sheet (ISO)

ABS(Acrylonitrile Butadiene Styrene)

ABS 722W

Features	Scratch resistance
Applications	Cassettes, Radios, Viedo tape cases

Physical	Test Method	Value
Specific gravity	ISO 1183	1.04
Melt Flow Index (220°C, 10kg)	ISO 1133	28 g/10min
Water absorption	ISO 62	- %
Mold Shrinkage	ISO 294-4	0.5 ~ 0.8 %

Mechanical	Test Method	Value
Tensile Strength(at yield)	ISO 527	61 Mpa
Elongation(at break)	ISO 527	12 %
Flexural Strength	ISO 178	79 MPa
Flexural Modulus	ISO 178	2,900 Mpa
Izod Impact Strength(23°C)	ISO 180/1A	10 KJ/m ²
Charpy Impact Strength(23°C)	ISO 179/1eA	11 KJ/m ²
Rockwell Hardness(R scale)	ISO 2039-2	120

Thermal	Test Method	Value
Heat Deflection Temperature(1.8Mpa, Unannealed)	ISO 75-2	85 °C
Heat Deflection Temperature(0.45Mpa, Unannealed)	ISO 75-2	96 °C
Vicat Softening Temperature(B50)	ISO 306	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.