

TYPICAL PROPERTIES OF ABS Plastic Sheet

Specification:

- Thickness: 0.3mm-6mm
- Width: max. 1600 mm
- Size: 4x8 ft
- Available in black, white, colored
- Available textures: Smooth, matte, glossy, etc.

Features:

- Good strength and stiffness
- Good machinability
- Excellent impact resistance
- High chemical resistance
- Available in many textures

Properties	Value	UNITS	Method
PHYSICAL			
Specific Gravity	1.06	g.cc	-
MECHANICAL			
Tensile Modulus	-	Mpa	-
Tensile Strength	46	Mpa	GB/T 1040.2-2006
Flexural Modulus	2392	Mpa	GB/T 9341-2008
Flexural Strength	73	Mpa	GB/T 9341-2008
Izon Impact Strength (Notched)	19	kJ/m ²	GB/T 1043.1-2008
Hardness	110	Rockwell R	GB/T 3398.2-2008
THERMAL			
Vicat Softening Point	98	°C	GB/T 1633-2000
Melt Mass-Flow Rate (MFR)	19	g/10min	GB/T 3682.1-2018
Flammability	HB	UL94	-