

ABS DOUBLE COLOR

TECHNICAL DATA SHEET

Item	Unit	Value
Density	g/cm ³	1.09
Tensile Strength	MPa	≥40
Impact Strength	J/m	≥ 280
Hardness by Ball Indentation	n.MM ²	≥ 65
Size change rate	-	- 20 ~ + 5 (%)
Max Operating Temperature	°C	60
Vicat softening piont, °C	°C	≥ 95
The Tensile Modulus of Elasticity	MPa	2400
UL RTI	°C	60
Shrink Rate	-	0.5-0.7%
Chemical Formula	-	(C8H8)x. (C4H6)y.(C3H3N)z)

Specifications

Thickness (mm): 1.3, 1.5

Width (mm): 600

Length (mm): 1200

Colors: White, Black, Red, Golden, Silver etc

Features

1. Impact resistance;
2. Heat resistance;
3. Low temperature resistance;
4. Easy processing and cutting;
5. Easy hot stamping, carving, bending, and paste

Remark

1. Laser engravable plastic: engrave and cut by laser engraver.
2. Rotary engravable plastic: engrave and cut by CNC router.
3. Indoor usage: for interior signage, nameplates and identification.
4. Outdoor usage: with built-in UV stabilizers, it has outstanding staying power in direct sunlight. UV stable and outdoor weatherable. The life span is 3-5 years.