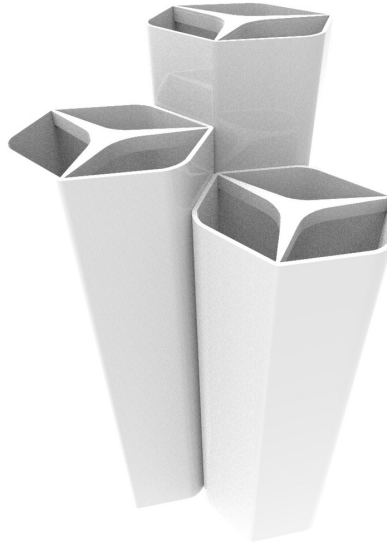


ABS-LIKE



Details

This printing material is an excellent alternative to ABS. The color is white, and its excellent physical properties make it suitable for the production of various models. It can be applied to the master models and conceptual models, the general parts and functional parts of the automotive, medical, consumer electronics and other industrial fields.

Advantages

- High precision
- Excellent temperature resistance
- Good moisture resistance and yellowing resistance
- Strong toughness
- Excellent process-ability
- Wide range of applications

Applications

- Functional model
- Conceptual model
- Small batch production

ABS-LIKE

Liquid Properties

Measurement	Condition	Value
Viscosity	@ 27 °C (80.6 °F)	300-380 cps
Color	White	
Density	@ 25 °C (77 °F)	1.121 g/cm ³

Optical Properties

Ec(critical exposure)	Dp(slop of cure-depth vs.ln(E) curve)
9.0-9.9 mJ/cm ²	0.125-0.135

Mechanical Properties

ASTM Method	Property Description	Value
ASTM D 638	Tensile Modulus	2270-2380 MPa
ASTM D 638	Tensile Strength at Break	43-48 MPa
ASTM D 638	Elongation at Break	8 -11%
ASTM D 648 @66PSI	Heat Deflection Temperature	56-60°C
ASTM D 790	Flexural Strength	62-70 Mpa
ASTM D 790	Flexural Modulus	2312-2401 Mpa
ASTM D 256	Izod Impact (Notched)	18-30 J/m
ASTM D 2240	Hardness Shore D	81-85