



Product Description

CP CLEAR is a durable ABS-like stereolithography material. Parts printed in this material are accurate, high-detailed and have translucent finish. Material has been designed for easy finishing. It is perfect for building parts and prototypes for those types of application where parts need to be translucent or clear for either ability to see through the part or if part is designed to be clear. Printed part can also be sand blasted to have frosted translucent finish.

Key Benefits :

- Easy to clean & finish
- Ability to finish parts to be clear
- Accurate & dimensionally stable
- High detail

Ideal Applications :

- Parts for light transmission
- Optical clear finish products
- Hi-detailed parts and models

Technical Data

Appearance	translucent
Viscosity (25 °C)	~ 200cps
Density (25 °C)	~ 1.12 g/ cm ³

Product performance index

Detection method	Test items	Metric	Imperial
ASTM D638M	Tensile strength	48 MPa	6 962 psi
ASTM D638M	Tensile modulus	20 MPa	2 900 psi
ASTM D638	Elongation at break (%)	12	
ASTM D790	Flexural strength	86 MPa	12 473 psi
ASTM D790	Flexural modulus	2 100 MPa	304 579 psi
ASTM D256	Impact strength	28 J/m	0.5 ft-lb/in
ASTM D570	Water absorption (%)	0.48	
ASTM D2241	Hardness (D)	82	
ASTM D648 0.45 MPa	Heat distortion temperature	60 °C	140 °F
ASTM D648 1.82 MPa	Heat distortion temperature	53 °C	127 °F