

Asiga® PlasCLEAR

Unspecified

Asiga

Message:

Photo Polymer for use in all FREEFORM systems

Like our other ‘Plas’ materials, PlasCLEAR is strong boasting PP/ABS-like properties, PlasCLEAR can be post-processed and coated with a clear lacquer to achieve excellent transparent characteristics.

Suitable for:

- Screens
- Visors
- Concept Models
- Jigs and Fixtures
- Mechanical Assemblies

General Information		
Features	Good Strength	
Uses	Machine/Mechanical Parts	
	Modeling Material	
	Prototyping	
Appearance	Clear/Transparent	
Forms	Liquid	
Processing Method	3D Printing, Stereolithography	
Physical	Nominal Value	Unit
Density	1.18	g/cm ³
Viscosity	342	mPa · s
Hardness	Nominal Value	Unit
Shore Hardness (Shore D)	79	
Mechanical	Nominal Value	Unit
Tensile Strength	52.6	MPa
Tensile Elongation		
Yield	8.9	%
Break	6.9	%
Flexural Modulus	1920	MPa
Flexural Strength	87.3	MPa
Impact	Nominal Value	Unit
Notched Izod Impact Strength	4.9	kJ/m ²
Thermal	Nominal Value	Unit
Glass Transition Temperature	83.0	°C

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