



WaterShed® XC 1122

A transparent SLA resin suitable for lenses, packaging, wind tunnel testing and rugged concept models

PRINTING PROCESS

Stereolithography (SLA)

DESCRIPTION

WaterShed® XC 1122 is a liquid photopolymer with low viscosity. It is suitable for the production of transparent, extremely robust, rigid, high-precision, water-resistant components similar to ABS or polybutylene terephthalate. The material is suitable for a range of applications.

APPLICATION

The components are particularly suitable for use in the automotive, medical technology and electronic devices industries as well as for lenses, packaging, analysing flow patterns, wind tunnel tests and resistant concept models.

TECHNICAL DATA

Description	WaterShed® XC 11122
Colour	transparent
Flexural modulus [MPa]	2205
Bending strength [MPa]	68,7
Tensile modulus of elasticity [MPa]	2770
Tensile strength [MPa]	50,4
Elongation at break [%]	15,5
Notched bar impact strength [J/cm]	25
Water Absorption [%]	0,35
Density [g/cm³]	1,12
HDT @ 0.46 MPa [°C]	50

Under no circumstances can the published information about the material data be considered as express warranty or otherwise. The application of these information and references as well as the decision on the suitability of any product for special applications is in all cases subject to the sole responsibility of the user.

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