



## Accura® Xtreme

A robust SLA plastic resin that is suitable for assemblies and function tests

### PRINTING PROCESS

Stereolithography (SLA)

### DESCRIPTION

Accura® Xtreme is a liquid photopolymer with low viscosity. It is suitable for the production of highly robust, impact-resistant, high-precision, high-performance components similar to ABS. This versatile material is above all intended for functional components that have to withstand particularly strong forces.

### APPLICATION

The components are particularly suitable for form, fit and function prototypes as well as for long-lived assemblies with snap connectors, robust mountings, and electronic and electric devices.

## TECHNICAL DATA

Description	Accura® Xtreme
Colour	grey
Flexural modulus [MPa]	1520 - 2070
Bending strength [MPa]	57 - 71
Tensile modulus of elasticity [MPa]	1790 - 1980
Tensile strength [MPa]	38 - 44
Elongation at break [%]	14 - 22
Notched bar impact strength [J/cm]	35 - 52
Density [g/cm <sup>3</sup> ]	1,19
HDT @ 0.46 MPa [°C]	62

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.

cirp GmbH  
Römerstraße 8  
D-71296 Heimsheim

Phone +49 7033.30987-0  
Fax +49 7033.30987-50  
info@cirp.de | www.cirp.de