



# DPR 10

## Alternative Designations

Digital Production Resin

## Key Features

High accuracy • Rigid

## Description

It is a new type of digital production resin that has been developed specifically for 3D printing. It is a UV curable, photopolymer resin that has been formulated for use with LCD-based 3D printers. This material has excellent print quality and properties, making it ideal for a wide range of applications.

## Mechanical Properties

Tensile modulus	1800 MPa
Tensile strength	45 MPa
Elongation at break	4%
Flexural strength	80 MPa
Flexural modulus	2 GPa

## Thermal Properties

Heat deflection temperature (1.80 MPa)	45°C
Heat deflection temperature (0.45 MPa)	60°C

## Physical Properties

Density	1.1 g/cm <sup>3</sup>
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## Reference

Datasheets provided by Xometry contain materials sourced through trusted OEMs, material distributors, and databases. Please visit [Materialdatacenter.com](https://Materialdatacenter.com) for further information on this material.