

Data Sheet: DPR 10

(Digital Production Resin)

Details

This material offers high accuracy and quick printability. It has a heat deflection temperature of 61°C. Its rigidity makes it suitable for models and dies.

Key Features

High accuracy • Rigid.

Mechanical Properties

| Property | Value |
|--------------------------------------|-------|
| Tensile strength [MPa] | 45 |
| Modulus of elasticity [GPa] | 1.8 |
| Flexural strength [MPa] | 80 |
| Flexural modulus [GPa] | 2 |
| Impact strength [KJ/m ²] | 1.7 |
| Elongation at break [%] | 4 |

Other Properties

| Property | Value |
|------------------------------|-------|
| Density [g/cm ³] | 1.1 |
| Heat deflection [°C] | 60 |

Reference

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