

Materialdatenblätter

Colorjet (3D-Pulverdruck)

| Parameter English | Deutsch | Unit Einheit | Polymergips |
|-----------------------------------|--|-------------------|--------------------|
| Build Space | Bauraum | mm | 350x250x200 |
| Tensile strength | Zugfestigkeit | MPa | 14.2 |
| Elongation at break | Bruchdehnung | % | 0.23 |
| Modulus of elasticity | Elastizitätsmodul | MPa | 9450 |
| Flexural Strength | Biegefestigkeit | MPa | 31.1 |
| Flexural Modulus | Biegemodul | MPa | 7163 |
| HDT, °C @ 0.45MPa | Wärmeformbeständigkeit B ISO 75 HDT/B (0,45 MPa) Vicat softening temperature A/50 | °C | k.A. |
| HDT, °C @ 1.82MPa | Wärmeformbeständigkeit A ISO 75 HDT/A (1,8 MPa) Vicat softening temperature B/50 | °C | k.A. |
| Izod Notched Impact | Izod Schlagzähigkeit | J/m | k.A. |
| Water Absorption | Wasserabsorption | % | k.A. |
| Tg (Glass Transition Temperature) | Glasübergangstemperatur TG | °C | k.A. |
| Shore Hardness (D) | Shore Härte | Scale D | k.A. |
| Shore Hardness (A) | Shore Härte | Scale A | k.A. |
| Rockwell Hardness | Rockwell Härte | Scale M | k.A. |
| Polymerized density | Dichte | g/cm ³ | k.A. |
| Ash content | Ascheanteil | % | k.A. |

