

Product: **Luxaprint® mould UV****Date:** **08.03.2017**

Luxaprint® mould UV is a light-curing resin, (meth)acrylate based, for the generative production of all types of hard otoplastics, for DLP-systems with LED 378–388 nm.

Property	Test method	Luxaprint® mould UV
Colour	Standard Light Box	clear, rose, rose-orange, lightbeige, red, blue, intensive-blue, fluorescent-yellow
Viscosity	CP: gap 0,052 mm, cone 35 mm/ 1°; 23 °C, shear rate 80 1/s	700 mPas
Initial hardness without post curing	Zwick H04.3150	70 Shore D
Final hardness	Zwick H04.3150	84 Shore D
Flexural strength	DIN EN ISO 178	75 MPa
Flexural Modulus	DIN EN ISO 178	1750 MPa
Tensile strength	DIN EN ISO 527-1	47 N/mm ²
Elongation	DIN EN ISO 527-1	9 %

The mechanical properties depend on the building parameters, the cleaning, drying and post curing process.
All given data describe the typical properties/values. They are no specification.