



## Description

UV curable inks for surface colouring of optical fibres.

## Benefits

- ✓ Very fast cure for production speed of 3000 m/min
- ✓ Very good performance for MEK rub test
- ✓ Low attenuation
- ✓ Colours are meeting Munsell specification

## Physical Data

<b>Viscosity</b>	1200 - 1500 mPas DIN 53019-1 cone/plate at 30°C
<b>Density</b>	1,0 - 1,3 g/cm <sup>3</sup> ISO 2811-1 at 23°C

## Typical Technical Data (DIN EN ISO 527-1)





<b>Secant modulus at 2.5 % strain*</b>	1400 MPa
<b>Elongation*</b>	4%
<b>Tensile strength*</b>	25 MPa

\* Films cured under nitrogen with thickness of 80 µm and 1000 mJ/cm<sup>2</sup>

## Instruction

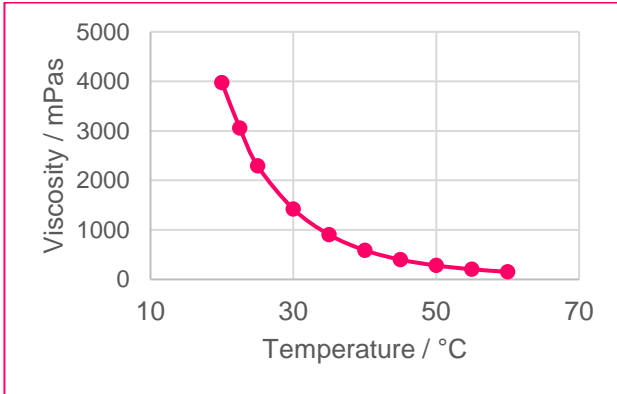
<b>Preparation</b>	Mixing bottle at 20 – 40°C for 8 hours on rolling device, 8 turns/min of bottle
<b>Curing</b>	High-pressure mercury vapour lamps or fusion bulbs including nitrogen purge
<b>Process speed</b>	Up to 3000 m/min (corresponding to fil thickness and type of machinery)
<b>Cleaning</b>	HERKULA special cleaning agent 35014

## Information

-  Shelf life: 2 years in a well closed bottle (5° to 30°C) protected from light
-  Standard packaging 2kg
-  Observe your Material Safety Data Sheet as well as the instructions on the label
-  Contains non-volatile amount: > 99 %, no CMR substances



## Temperature Viscosity Curve



## Colours

Clear	813F	Yellow	813F/590
Black	813F/098	Green	813F/690
White	813F/198	Aqua	813F/695
Grey	813F/290	Brown	813F/790
Blue	813F/390	Magenta	813F/499
Violet	813F/398	Olive	813F/592
Red	813F/490	Lime	813F/693
Rose	813F/493	Tan	813F/796
Orange	813F/495		

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