



Description

UV-LED 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
- ✓ 12 colour shades are meeting Munsell specification

Physical Data

Viscosity 1200 - 1700 mPas
DIN 53019-1 cone/plate at 30°C

Density 1,0 - 1,3 g/cm³
ISO 2811-1 at 23°C

Typical Technical Data (DIN EN ISO 527-1)

Secant modulus at 2.5 % strain* 1500 MPa

Elongation* 4%

Tensile strength* 25 MPa

* Films cured under nitrogen with thickness of 80 µm and 1000 mJ/cm²

Instruction

Preparation Mixing bottle at 20 – 40°C for 8 hours on rolling device, 8 turns/min of bottle

Curing LED (395 nm) lamps including nitrogen purge

Process speed Up to 3000 m/min (corresponding to fil thickness and type of machinery)

Cleaning HERKULA special cleaning agent 35014

Information



Shelf life: 2 years in a well closed bottle (5° to 30°C) protected from light



Standard packaging: 2 kg



Observe your Material Safety Data Sheet as well as the instructions on the label

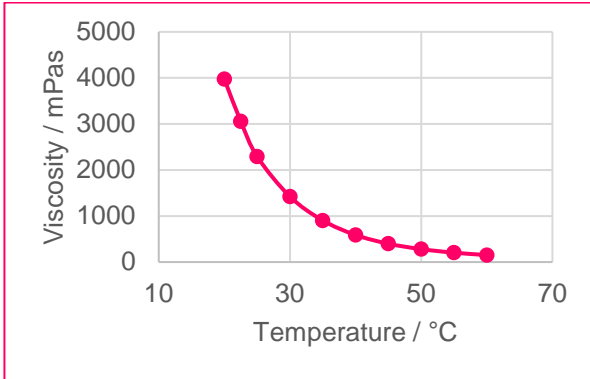


Contains non-volatile amount: > 99 %





Temperature Viscosity Curve



This technical information was made to the best of our knowledge after conscientious studies of all technical facts. Since specific application and handling of the products in the customer's plant are beyond our control, this company refuses in every respect the responsibility for injury and damage to man and material which may result from the use, stocking and application of our products. We emphasise that all our products are for industrial use only.

