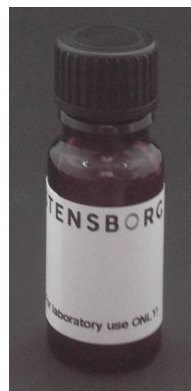


X29 Technical Data Sheet



Type	Acrylate based UV curing replication resin
Viscosity	High - (300 cP at 25°C)
Typical curing dose	~ 20 mJ/cm ²

Description:

X29 is a fast UV curing acrylate based resin optimized for the use on Stensborg Roll-2-Roll (R2R) and Roll-2-Plate (R2P) nano/micro imprint Holoprinters.

Product Features:

The X29 is designed as a high viscosity fast curing resin compatible with both LEDs (365-405nm) as well as iron-doped mercury lamps.

Suggested Applications

X29 is designed as a demould resin for making replications on the DeskTop holoprinter. X29 works extremely well with the following replication resin X30, as well as the imprint resins DM41, DM56, and DM57.

Substrates:

X29 will, after curing, adhere to a variety of substrates including, but not limited to PET. Please note that substrate surface treatment or lack thereof may affect the adhesion properties of X29.

Storage and Handling

Handling

Protective gloves, goggles, and appropriate protective gear should be worn at all times when handling X29. In addition, the common procedures for handling chemicals should be followed according to the material safety data sheet (MSDS) of the resin.

Storage

Shelf life is at least 12 months from the date of manufacture in their original containers provided that they are stored at temperatures ranging from 5°C to 25°C and protected from direct sunlight.