

Product



Extra Low Viscosity resin.

Description

Spot-LV has been developed on request of users that needed a similar product as Spot-GP with a much lower viscosity. We have come up with a solution for all those setups that rely on a viscosity that is below 50mPa*s (cps) while still maintaining the same reactivity and similar properties of the general purpose resins.

Also, this resin has a clear colouring, so with the correct postcuring can be used to create clear prints.

Spot-A Materials resins always brings low viscosity for effortless cleaning, material recovery and manipulation. All our products have zero VOC.

Technical Data

| Mechanical Properties | Spot-LV v11 UV Postcured |
|------------------------------|-----------------------------|
| Density [g/cm ³] | 1.1 |
| Experimental Shrinkage [%] | 6 |
| Force @ Peak [N] | 320 |
| Elong. @ Peak [%] | 2 |
| Young's Modulus [MPa] | 726 |
| Tensile strength [N/mm] | 65 |
| Tensile stress @ break [MPa] | 22 |
| Tear strength [N/mm] | 110 |
| Shore A Hardness | NA |
| Shore D Hardness | 78 |
| Viscosity 20°C [mPa*s][cps] | ~50 |

- Tensile properties as per ISO527-1A standard.
- Hardness properties as per ISO 7619.
- Viscosity values measured with DIN cup 4mm.

Safety

For additional information refers to the MSDS.

Spot-A Materials®

The base materials to build your world

Sonnaya Ulitka, S.L.
C/ Llull 321-329 · Edificio CINC
08019 BARCELONA
SPAIN
info@spotamaterials.com

<http://www.spotamaterials.com>