

Product



Elastic.

Description

Spot-E resin is a perfect solution to be used in applications needing rubbery, soft yet resilient materials.

The toughness of these materials is exceptional and is available in Shore A65 equivalent to D19 hardness. It can be used in Tin catalysed molds applications (Platinum catalysed systems are more sensitive).

Spot-E provide great elongation behaviour of up to 65% while being very low viscosity for effortless material recovery, cleaning and manipulation and with no VOC inside.

Technical Data

Mechanical Properties	Spot-E v3 UV Postcured
Density [g/cm ³]	1.1
Experimental Shrinkage [%]	2
Force @ Peak [N]	200
Elong. @ Peak [%]	65
Young's Modulus [MPa]	12
Tensile strength [N/mm]	30
Tensile stress @ break [MPa]	11
Tear strength [N/mm]	64
Shore A Hardness	65
Shore D Hardness	~19
Viscosity 20°C [mPa*s][cps]	~400

- 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®

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