

Product



Hard & Tough, high performance resin for engineering applications.

Description

Spot-HT is an ideal solution for objects that need extra hardness, toughness, impact resistance, weather ability, chemical and water resistance.

Spot-HT has been developed to withstand temperatures above 100°C (212 F) for a long period of time, to survive vulcanization processes.

That means that our **Spot-HT** resin fits perfect for use in functional prototypes and low-volume manufacturing with fast speed and great smooth surface finish.

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-HT v8 UV Postcured
Density [g/cm ³]	1.1
Experimental Shrinkage [%]	2
Force @ Peak [N]	360
Elong. @ Peak [%]	4
Young's Modulus [MPa]	1104
Tensile strength [N/mm]	79
Tensile stress @ break [MPa]	27
Tear strength [N/mm]	120
Shore A Hardness	NA
Shore D Hardness	75
Viscosity 20°C [mPa*s][cps]	~450

- 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