



S-PRO: High Performance resin for prototyping.

Professional "S" Range

S-PRO is our flagship resin from our new professional **S-line** range. This is a high performance resin that improves all our thermo-mecanical properties before. **S-PRO** is suitable for prototyping as well functional parts that require high Young modulus and exceptional toughness.

High resistance to impact and fracture, provides great thermal resilience properties with no deformation. Maintains high dimensional stability and ensures minimal shrinkage during printing and post-curing.

S-PRO is the best choice for high speed prototyping, enclosure design and mechanical parts for tooling that can also be machined.

Available in two different versions Extra High Resolution and Smooth Surface Finish.

Spot-A Materials resins have zero VOC and allow a wide range of applications.

Technical Data

Mechanical Properties	Spot-SPro v2.1.2 UV Postcured
Density [g/cm ³]	1.1
Experimental Shrinkage [%]	1,7
Force @ Peak [N]	405
Elong. @ Peak [%]	2.5
Young's Modulus [MPa]	1681
Tensile strength [N/mm]	86
Tensile stress @ break [MPa]	30
Tear strength [N/mm]	133
Shore A Hardness	NA
Shore D Hardness	85
Viscosity 20°C [mPa*s][cps]	~800

Tensile properties as per ISO527-1A standard.

Hardness properties as per ISO 7619.

Viscosity values measured with DIN cup 4mm.



**S-PRO
ENGINEERING**

- HIGH PERFORMANCE
- HIGH STRENGTH
- VERY LOW SHRINKAGE
- HIGH THERMAL RESISTANCE
- FUNCTIONAL PIECES
- HIGH CONTRAST GREY

For additional information refers to the MSDS.

Spot-A Materials®

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Materials to build your world

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