



S-DENT: High Precision Dental molding.

Professional "S" Range

S-DENT our dental molding resin from our new professional **S-line** range. It offers a high degree of resolution and accuracy with a smooth surface finish. Dimensional shrinkage is highly reduced during printing and post-curing, allowing for accurate modeling to produce perfect dental work pieces.

S-DENT is a great choice for modelling due to its resolution, all around strength and its opacity which also helps during the scan process.

S-DENT has great thermal resilience with no deformation that allow use for "Vacuum Forming" processes.

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

Technical Data

Mechanical Properties	S-DENT v2K.1 UV Postcured
Density [g/cm ³]	1.1
Experimental Shrinkage [%]	1,5
Force @ Peak [N]	401
Elong. @ Peak [%]	2.5
Young's Modulus [MPa]	1618
Tensile strength [N/mm]	86
Tensile stress @ break [MPa]	30
Tear strength [N/mm]	130
Shore A Hardness	NA
Shore D Hardness	85
Viscosity 20°C [mPa*s][cps]	~790

Tensile properties as per ISO527-1A standard.

Hardness properties as per ISO 7619.

Viscosity values measured with DIN cup 4mm.

For additional information refers to the MSDS.

Spot-A Materials®

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S-DENT
DENTAL
MOLDING

- GOOD THERMAL RESISTANCE
- VERY LOW SHRINKAGE
- MASTER MODELS
- VACUUM MODEL