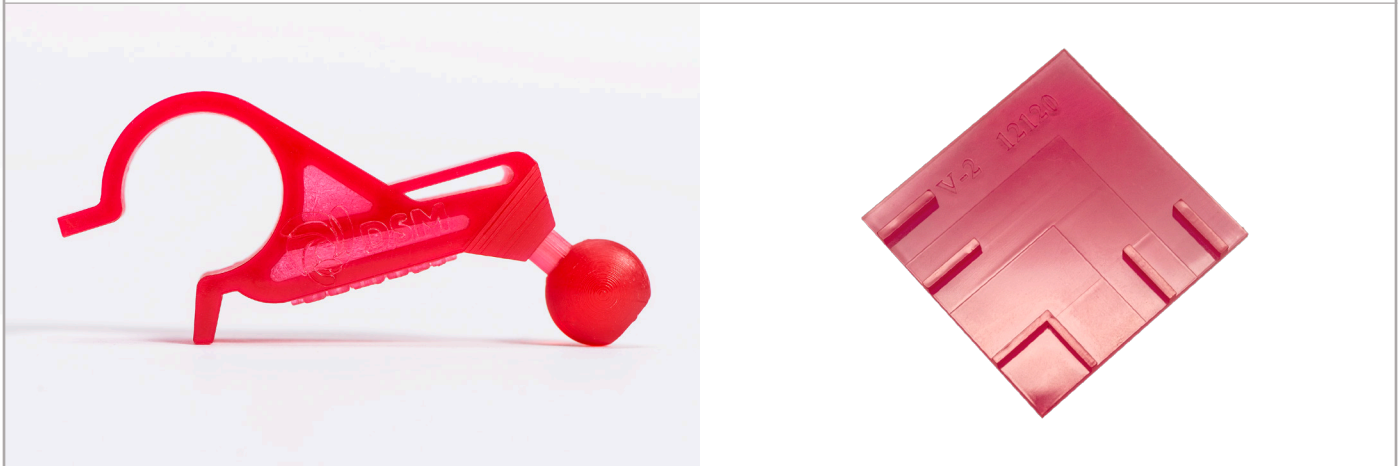


Prototherm 12120

Technology: **SLA**

COLOR OPTIONS: ■ Cherry-red appearance which turns to an Orange-red color after thermal treatment.



APPLICATIONS:

Applies to many applications across automotive and aerospace industries where strong parts that can resist high temperatures are needed.

DESCRIPTION:

SLA materials mimic a wide array of engineering plastics, elastomers and composites. ProtoTherm materials deliver high temperature resistance with exceptional surface finishing.

FEATURES:

Strong, high-temperature tolerant, water-resistant.

TECHNICAL DATA

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	77 MPa
Modulus of Elasticity, Youngs Modulus	D638M	3,250 MPa
Elongation Break (%)	D638M	4.5 %
Flexural Strength	D790M	103 MPa
Flexural Modulus	D790M	3,060 MPa
IZOD Impact Strength (notched)	D256A	0.17 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	126.2 °C