
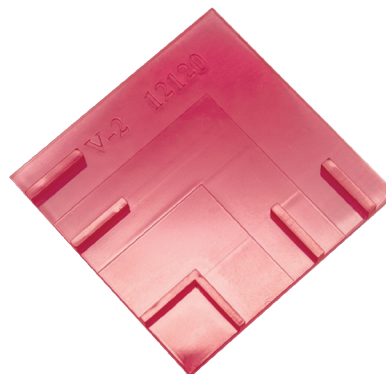


Prototherm 12120

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 |