

PerFORM

MATERIAL SPEC SHEET

Technology: SLA

COLOR OPTIONS: Off-White



APPLICATIONS:

Tooling, wind tunnel testing, automotive housings.

DESCRIPTION:

SLA materials mimic a wide array of engineering plastics, elastomers and composites. With the lowest viscosity of any composite stereolithography material, parts made from PerFORM are faster to build and easier to post-process and clean.

FEATURES:

Strong, stiff, excellent detail resolution. High heat tolerance.

| TECHNICAL DATA | | - |
|--|-------|--------------|
| PROPERTY | ASTM | METRIC UNITS |
| Tensile Strength | D638M | 80 MPa |
| Modulus of Elasticity, Youngs Modulus | D638M | 9,800 MPa |
| Elongation Break (%) | D638M | 1 % |
| Flexural Strength | D790M | 146 MPa |
| Flexural Modulus | D790M | 9,030 MPa |
| IZOD Impact Strength (notched) | D256A | 20 J/m |
| Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C) | D648 | 268 °C |

ADDMAN CASTHEON

