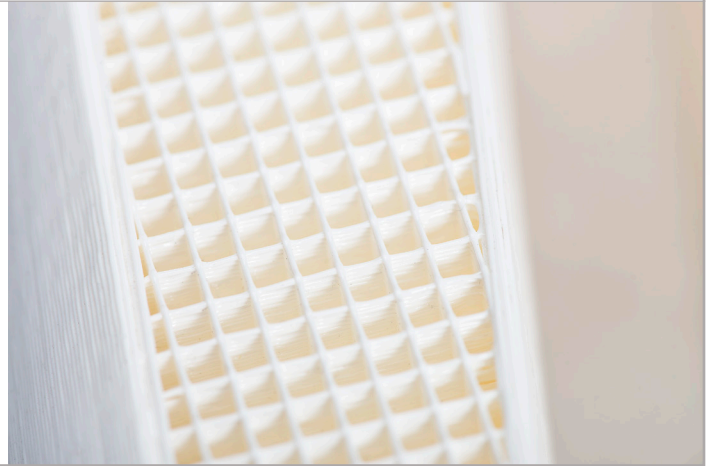


ABSi

Technology: FDM

COLOR OPTIONS: Translucent Natural



APPLICATIONS:

Functional prototypes, lenses for automotive lighting.

DESCRIPTION:

FDM Technology uses the same tried and tested thermoplastics found in traditional manufacturing processes. The translucent nature of ABSi is beneficial for monitoring material flow and light transmission.

FEATURES:

Strong and durable.

TECHNICAL DATA

| PROPERTY | ASTM | METRIC UNITS |
|---|-------|--------------|
| Tensile Strength | D638M | 37 MPa |
| Modulus of Elasticity, Youngs Modulus | D638M | 1,920 MPa |
| Elongation Break (%) | D638M | 4.4 % |
| Flexural Strength | D790M | 62 MPa |
| Flexural Modulus | D790M | 1,920 MPa |
| IZOD Impact Strength (notched) | D256A | 96.4 J/m |
| Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C) | D648 | 86 °C |