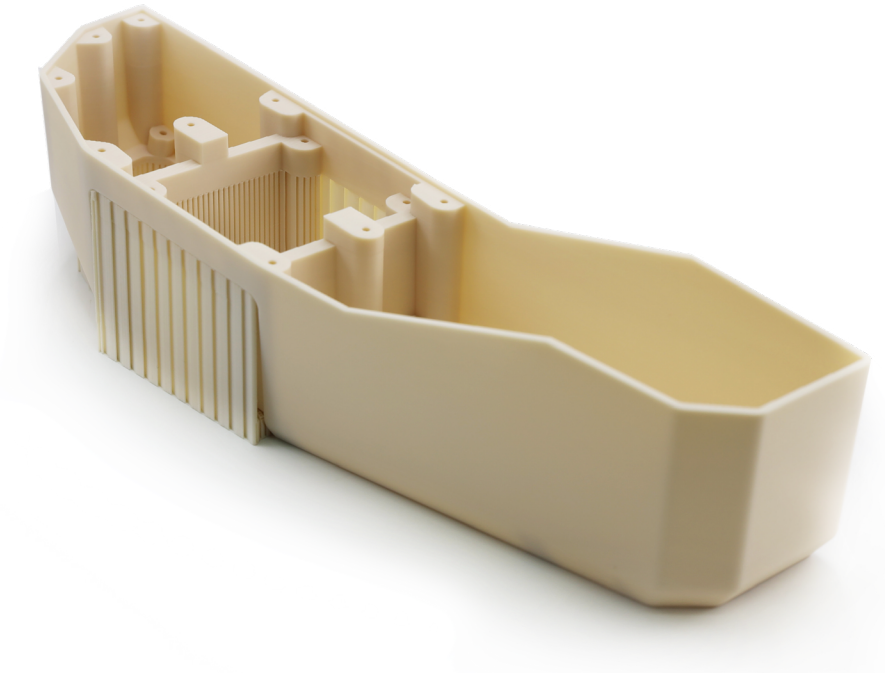


DYNAMIDE® ASA



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Mechanical Properties

| Property | Test Method | X-Y Axis | Z Axis |
|------------------------|-------------|------------------------|-----------------------|
| Tensile Strength | ASTM D638 | 47.8 MPa | 30 MPa |
| Young's Modulus | ASTM D638 | 2370 MPa | 1945 MPa |
| Elongation at Break | ASTM D638 | 6.8 % | 1.7 % |
| Bending Modulus | ASTM D790 | 3210 MPa | |
| Bending Strength | ASTM D790 | 72.9 MPa | |
| Charpy Impact Strength | ASTM D256 | 10.5 kJ/m ² | 6.5 kJ/m ² |

Physical Properties

| Property | Test Method | Value |
|------------------------------|-----------------|--------------------------|
| Melt Index | 220 °C, 10 kg | 25 (g/10 min) |
| Vicat Softening Temperature | ASTM 1525 | 104.8 °C |
| Heat Deflection Temperature | ISO 75 1.8 MPa | 100.2 °C |
| Heat Deflection Temperature | ISO 75 0.45 MPa | 102.6 °C |
| Glass Transition Temperature | DSC, 10 °C/min | 97.5 °C |
| Density | ASTM D792 | 1.1 (g/cm ³) |