

**Key Features**

- High impact Resistance
- Good heat Resistance
- Dimensional Stability
- Excellent Processability

**Common Applications****Material Description**

ABS-like+PP (Polypropylene) is a specialized material tailored for 3D printing applications, combining the characteristics of Acrylonitrile Butadiene Styrene (ABS) and Polypropylene (PP). This material offers a unique blend of strength, flexibility, dimensional stability, and chemical resistance, making it ideal for various industrial and consumer applications. Its properties make it suitable for producing parts that require toughness, impact resistance, and resistance to chemicals and moisture. Common applications include automotive components, household appliances, and functional prototypes where a balance of durability and flexibility is required.

**Mechanical Properties**

<b>Flexural Strength</b>	71 - 78 MPa
<b>Tensile Strength</b>	45 - 58 MPa
<b>Hardness</b>	Short D78 - 90
<b>Elongation at Break</b>	8 - 13%

**Physical Properties**

<b>Density</b>	0.04 lb/in <sup>3</sup> (0.98 g/cm <sup>3</sup> )
<b>Heat Deflection Temp.</b>	136.4 - 156.2°F (58 - 69 °C)

**Technical Assistance**

Our knowledgeable staff, supported by our in-house team of expert metallurgists and engineers, is ready to assist you with any technical inquiries.

**InstaVoxel™ - On-Demand Manufacturing Expert**

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InstaVoxel's quality control system is ISO-9001 certified, and all our partners hold relevant certifications.



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