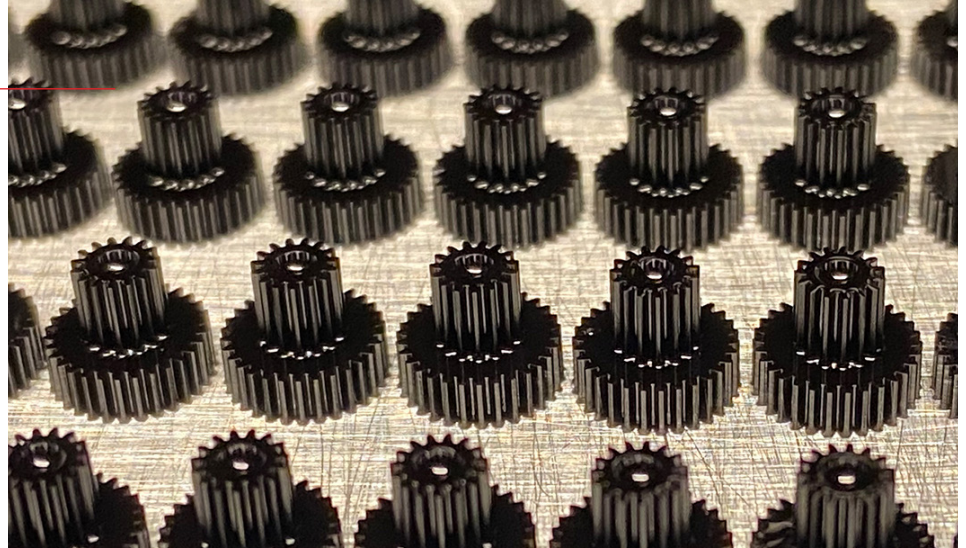


# GR Resin

GR offers the best stiffness, with good impact strength and heat resistance.



		Cured Parts	Standard
<b>Tensile Properties</b>	TENSILE STRENGTH	54.4 MPa	ASTM D638
	ELASTIC MODULUS	1442 MPa	ASTM D638
	ELONGATION AT BREAK	8.8%	ASTM D638
<b>Flexural Properties</b>	FLEXURAL STRENGTH	66.6 MPa	ASTM D790
	FLEXURAL MODULUS	1.8 GPa	ASTM D790
<b>Impact Properties</b>	IMPACT STRENGTH	47.5 J/m	ASTM D256
<b>Thermal Properties</b>	HDT @ 0.45 MPa	75 °C	ASTM D648 - 07
	CTE @ 60C	51 µm/m/°C	-
<b>General Properties</b>	CONTACT ANGLE	45-60°	ASTM D7334
	WATER ABSORPTION (24h)	12.41%	ASTM D570
	HARDNESS	80 Shore D	ASTM D785
	VISCOSITY	25 cP	-
	STANDARD COLOR	Yellow trans / Black	-
	COMPATIBLE BMF SYSTEMS	P130, S130, P140, S140, S230, S240, P150	-

<sup>1</sup> Final properties are dependent on print conditions, post-processing operations, and part geometry.

<sup>2</sup> Test samples were UV cured and heat cured.