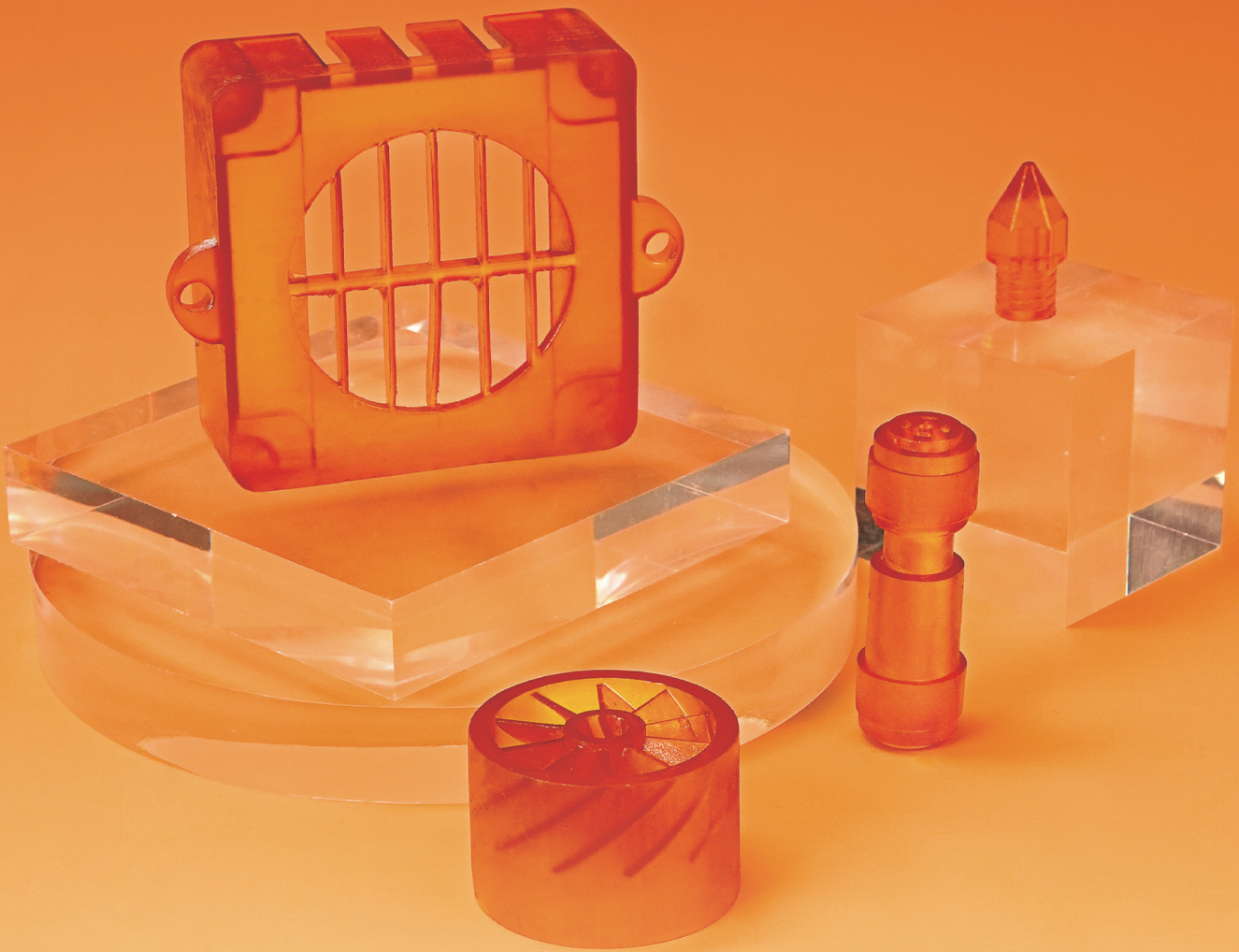




Components for High-Temperature Environments:

✓ Mold Cores ✓ Manifolds ✓ Heat Exchangers

High Temp 230^{PEEK-like}

Heat-Resistant Material with Consistent Performance at High Temperatures

With a heat deflection temperature of **230°C** at **0.455 MPa/66 psi**, it offers excellent thermal stability and high-temperature resistance, ideal for high-temperature applications.



High Temperature
Resistance



Thermal Deformation
Resistance



Weather
Resistance

Specs

1L/bottle

5L/bottle

20L/bottle

	Test Method	Typical Value
✓ Tensile Properties		
Tensile Modulus	ASTM D638 Type V 1 mm/min	3600 MPa
Tensile Strength	ASTM D638 Type V 1 mm/min	80 MPa
Elongation at Break	ASTM D638 Type V 1 mm/min	3%
✓ Flexural Properties		
Flexural Strength	ASTM D790-B	140 MPa
Flexural Modulus (Chord, 0.5-1%)	ASTM D790-B	4300 MPa
✓ Impact Properties		
Notched Izod Impact, 23°C	ASTM D256	40 J/m
Unnotched Izod Impact, 23 °C	ASTM D4812	300 J/m
✓ Thermal Properties		
Heat Deflection Temperature at 0.455 MPa/66 psi)	ASTM D648	230 °C
Heat Deflection Temperature at 1.82 MPa/264 psi	ASTM D648	210 °C
✓ General Properties		
Hardness	ASTM D2240	92 (instant) ,Shore D
Taber Abrasion	ASTM D4060 CS-17, 1 kg, 100% vacuum	20 mg/ 1000 cycles
✓ Liquid Properties		
Liquid Density	—	1.15 g/mL
Viscosity (25°C)	—	500 cP

