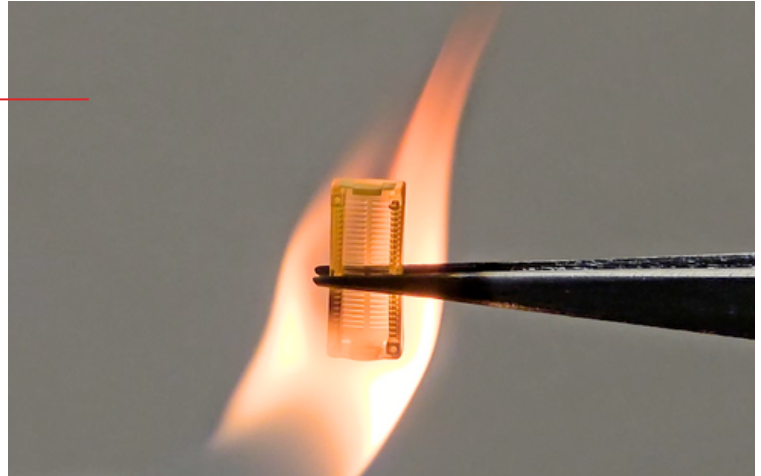



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RESOLUTION × ACCURACY × PRECISION

FR Resin

FR is a flame retardant material with a high heat deflection temperature that has a UL94 V-0 flammability rating at 2.0mm.



		Cured Parts	Standard
Tensile Properties	TENSILE STRENGTH MPa	68	ASTM D1708
	ELONGATION AT BREAK (%)	5	ASTM D1708
	ELASTIC MODULUS MPa	2000	ASTM D1708
Flexural Properties	FLEXURAL STRENGTH MPa	120	ASTM D790
	FLEXURAL MODULUS GPa	3	ASTM D790
Thermal Properties	HDT @ 0.45 MPa	160°	ASTM D648-07
General Properties	HARDNESS	85	ASTM D785
	VISCOSITY	300	-
	STANDARD COLOR	Yellow translucent, Black	-
	IMPACT STRENGTH	18	ASTM D256-97
	WATER ABSORPTION (24H)	2.29%	-
	SHRINKAGE	-	-
	CONTACT ANGLE	20-40°	-
	DIELECTRIC CONSTANT (10G HZ)	-	-
	DIELECTRIC LOSS	-	-
	COMPATIBLE BMF SYSTEMS	S140, S240, S350, D1025	