

Typical Polyimide Properties

SJ-100DF is an unfilled polymer. SJ-100DF direct-formed parts are specified for their excellent physical properties, including electrical and thermal insulation at high temperatures.

Property	ASTM	Unit	Temp	SJ-100DF
Specific Gravity	D-792	g/cm ³	--	1.35
Tensile Strength	D-1708	Mpa	23°C	68
		Mpa	250°C	32
Elongation	D-1708	%	23°C	6.3
Flexural Strength	D-790	Mpa	23°C	78
		Mpa	250°C	38
Compressive Strength	D-695	Mpa	23°C	130
		Mpa	250°C	61
Compressive Modulus	D-695	Gpa	23°C	2.4
Charpy Impact Strength	D-256	KJ/m ²	23°C	32
Hardness	D-785	Rockwell E	--	30
HDT	D-648	°C	--	>360