

SJ-100 is an unfilled polyimide polymer.

SJ-100 parts and shapes are specified for their excellent physical properties, including electrical and thermal insulation at high temperatures.

Property	ASTM	Unit	Temp	SJ-100
Specific Gravity	D-792	g/cm <sup>3</sup>	--	1.43
Tensile Strength	D-1708	Mpa	23°C	88
Elongation	D-1708	%	23°C	7.4
Flexural Strength	D-790	Mpa	23°C	115
Compressive Strength	D-695	Mpa	23°C	150
Compressive Modulus	D-695	Gpa	23°C	2.4
Charpy Impact Strength	D-256	KJ/m <sup>2</sup>	23°C	52
Dielectric Constant	D-150	--	23°C	3.6
Friction Coefficient	--	--	23°C	0.28
Hardness	D-785	Rockwell E	--	55
HDT	D-648	°C	--	>360