

## Typical Polyimide Properties

SJ-140 is an unfilled polymer. SJ-140 parts and shapes are specified for their excellent physical properties, including higher temperature resistance and better plasma radiation resistance.

Property	ASTM	Unit	Temp	SJ-140
Specific Gravity	D-792	g/cm <sup>3</sup>	--	1.42
Tensile Strength	D-1708	Mpa	23°C	65
		Mpa	250°C	34
Elongation	D-1708	%	23°C	4.3
Flexural Strength	D-790	Mpa	23°C	116
		Mpa	250°C	56
Compressive Strength	D-695	Mpa	23°C	160
		Mpa	250°C	82
Compressive Modulus	D-695	Gpa	23°C	2.4
Charpy Impact Strength	D-256	KJ/m <sup>2</sup>	23°C	15
Hardness	D-785	Rockwell E	--	50
HDT	D-648	°C	--	>360