

## Typical Polyimide Properties

SJ-100P resin is supplied as a powder that is readily used for HCM (hot compression molding), and to produce shapes and parts, which are specified for their excellent physical properties at high temperatures.

Property	ASTM	Unit	Temp	SJ-100P
Appearance	--	--	--	yellow powder
Specific Gravity	D-792	g/cm <sup>3</sup>	--	1.43
Tensile Strength	D-1708	Mpa	23°C	85
		Mpa	250°C	43
Elongation	D-1708	%	23°C	6.8
Flexural Strength	D-790	Mpa	23°C	108
		Mpa	250°C	62
Compressive Strength	D-695	Mpa	23°C	150
		Mpa	250°C	70
Compressive Modulus	D-695	Gpa	23°C	2.4
Charpy Impact Strength	D-256	KJ/m <sup>2</sup>	23°C	45
HDT	D-648	°C	--	>360