

## Typical Polyimide Properties

SJ-115DF is a graphite-filled polymer. SJ-115DF direct-formed parts and shapes provide low wear and friction for bearing, thrust washers, and dynamic seals.

Property	ASTM	Unit	Temp	SJ-115DF
Specific Gravity	D-792	g/cm <sup>3</sup>	--	1.43
Tensile Strength	D-1708	Mpa	23°C	52
		Mpa	250°C	26
Elongation	D-1708	%	23°C	5.1
Flexural Strength	D-790	Mpa	23°C	68
		Mpa	250°C	37
Compressive Strength	D-695	Mpa	23°C	94
		Mpa	250°C	38
Compressive Modulus	D-695	Gpa	23°C	1.9
Charpy Impact Strength	D-256	KJ/m <sup>2</sup>	23°C	20
Hardness	D-785	Rockwell E	--	25
Friction Coefficient	D-3702	--	--	0.24
HDT	D-648	°C	--	>360