

SJ-115 is a graphite-filled polyimide polymer.

SJ-115 parts and shapes provide low wear and friction for bearing, thrust washers, and dynamic seals.

Property	ASTM	Unit	Temp	SJ-115
Specific Gravity	D-792	g/cm ³	--	1.51
Tensile Strength	D-1708	Mpa	23°C	80
Elongation	D-1708	%	23°C	5.6
Flexural Strength	D-790	Mpa	23°C	130
Flexural Modulus	D-790	Mpa	23°C	3870
Compressive Strength	D-695	Mpa	23°C	135
Compressive Modulus	D-695	Gpa	23°C	1.8
Charpy Impact Strength	D-256	KJ/m ²	23°C	55
Hardness	D-785	Rockwell E	--	34
Friction Coefficient	D-3702	--	--	0.24
HDT	D-648	°C	--	>360