

LUCEL

POM

CF-620

Mechanical behavior	Condition	Standard	Value	Unit
Tensile Strength	Break 23°C	ASTM D638	118	MPa
Friction Coefficient	Dynamic	ASTM D3702	0.14	
Elongation	23°C	ASTM D638	3	%
Flexural Modulus	23°C	ASTM D790	10800	MPa
Flexural Strength	23°C	ASTM D790	176	MPa
Izod Notch Impact		ASTM D256	35.71	kJ/m ²
Izod Notch Impact	23°C	ASTM D256	4.08	kJ/m ²
Thermal	Condition	Standard	Value	Unit
HDT	Unannealed 0.45MPa	ASTM D648	165	°C
HDT	Unannealed 1.8MPa	ASTM D648	165	°C
Physical property	Condition	Standard	Value	Unit
Density		ASTM D792	1.48	g/cm ³
Shrinkage	Flow	ASTM D995	0.3	%
Shrinkage	xFlow	ASTM D995	0.7	%
Hardness	Condition	Standard	Value	Unit
Rockwell Hardness	M(Scale)	ASTM D785	86	