

Resin Properties	Unit	Typical Value	Test Method
Melt Index (190°C/ 2.16Kg)	g/10 min	0.7	D1238
Density	g/cm ³	0.922	D1505
Thermal properties @			
Flexural modulus	°C	107	D1525
Notched Izod impact at 23°C	°C	126	D3418
Mechanical Properties @			
Flexural modulus	MPa	385	D790
Tensile Strength at Yield	MPa	17/14 (MD/TD)	D882
Tensile Strength at Break	MPa	52/42 (MD/TD)	D882
Tensile Elongation at Break	%	>700	D882
Elmendorf Tear	gr	78/455 (MD/TD)	D1922
Hardness	Shore D	55	D2240
ESCR	hr	>1000	1693