

Property	Test Method	Unit	Value
Melt Flow Rate	ASTM D 1238 @ 190 oC, 2.16 kg	g/10 min	0.03-0.05
Density	ASTM D 1505	g/cm3	0.950-0.954
Melting Point	ASTM D 2117	DC	130-140
Vicat Softening Point	ASTM D 1525	DC	124
Brittleness Temperature	ASTM D 746	DC	< -60
ESCR	ASTM D 1693 @ 50 oC	hrs, F50	> 1000
Tensile Strength at Yield	ASTM D 638 @ crosshead speed 50mm/min	kg/cm2	MD: 380, TD: 250
Tensile Strength at Break	ASTM D 638 @ crosshead speed 50mm/min	kg/cm2	MD: 620, TD: 310
Tensile Modulus, 2% Secant	ASTM D 638 @ crosshead speed 50mm/min	kg/cm2	MD: 8200, TD: 8000
Elongation at Break	ASTM D 638 @ crosshead speed 50mm/min	%	MD : 240, TD : 450
Elmendorf Tear Strength	ASTM D 1922	g	MD : 3, TD : 80
Dart Impact Strength	ASTM D 1709	g	139
Gloss	ASTM D 2457	GU	5.8
Haze	ASTM D1003	%	85.5