

Properties	Test Method	Test condition	Units	100	700	920	834V	TP90
Tensile Strength	ASTM-D638	23 °C/ 50%RH	MPa kg/cm <sup>2</sup>	49 500	50 510	48 490	42 430	40 410
Tensile Elongation at Break		23 °C/ 50%RH	%	48	35	20	>5	>10
Flexural Strength	ASTM-D790	23 °C/ 50%RH	MPa kg/cm <sup>2</sup>	74 750	76 770	74 750	65 660	61 620
Flexural Modulus		23 °C/ 50%RH	MPa kg/cm <sup>2</sup>	2,300 23,500	2,450 25,000	2,160 22,000	2,200 22,400	1,780 18,200
Izod Impact Strength	ASTM-D256	23 °C 12.7mm V-notched	J/m kg·cm/cm	226 23	186 19	108 11	157 16	108 11
		0 °C 12.7mm V-notched		177 18	108 11	-	-	-
		-30 °C 12.7mm V-notched		118 12	78 8	-	-	39 4
		23 °C 3.2mm V-notched	J/m kg·cm/cm	265 27	196 20	108 11	-	98 10
		0 °C 3.2mm V-notched		196 20	157 16	-	-	-
		-30 °C 3.2mm V-notched		137 14	118 12	-	-	-
Distortion Temperature Under Load	ASTM-D648	6.4mm 1.82MPa	°C	87	87	83	84	81
Rockwell Hardness	ASTM-D785	23 °C/50%RH	R-SCALE	113	115	115	103	105
Melt Flow Rate	ISO-1133	220 °C/98N	g/10min	15	23	25	29	30
Specific Gravity	ASTM-D792	23 °C/50%RH	-	1.04	1.05	1.09	1.14	1.10
Coefficient of Linear Thermal Expansion	ASTM-D696	-	°C-1	7.4×10 <sup>-5</sup>	7.1×10 <sup>-5</sup>	-	-	3×10 <sup>11</sup>
Ball Pressure Temperature			°C	95	95	90	90	-
Flammability	UL94 File No.E41797			HB equivalent	HB equivalent	HB equivalent	2.00mmV-0 3.00mm5VA	HB equivalent
Mold Shrinkage			%	0.4-0.6	0.4-0.6	0.4-0.6		0.5-0.7

Note ; These values are typical data for this product under specific test conditions and not intended for use as limiting specifications.