

General purpose / Extrusion

Properties	Test Method	Test Condition	Units	600
Tensile Strength	ASTM-D638	23 °C/ 50%RH	MPa kg/cm ²	45 460
Tensile Elongation at Break		23 °C/ 50%RH	%	>50
Flexural Strength	ASTM-D790	23 °C/ 50%RH	MPa kg/cm ²	65 660
Flexural Modulus		23 °C/ 50%RH	MPa kg/cm ²	2,060 21,000
Izod Impact Strength	ASTM-D256	23 °C 12.7mm V-notched	J/m kg*cm/cm	275 28
		0 °C 12.7mm V-notched		- -
		-30 °C 12.7mm V-notched		- -
		23 °C 3.2mm V-notched	J/m kg*cm/cm	461 47
		0 °C 3.2mm V-notched		- -
		-30 °C 3.2mm V-notched		- -
Distortion Temperature Under Load	ASTM-D648	6.4mm 1.82MPa	°C	86
Rockwell Hardness	ASTM-D785	23 °C/ 50%RH	R-SCALE	106
Melt Flow Rate	ISO-1133	220 °C/98N	g/10min	12
Specific Gravity	ASTM-D792	23 °C/ 50%RH	-	1.04
Coefficient of Linear Thermal Expansion	ASTM-D696	-	°C ⁻¹	-
Ball Pressure Temperature			°C	90
Flammability	UL94 File No.E41797			HB equivalent
Mold Shrinkage			%	0.4-0.6

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