

Material Properties

Properties	Test Method	Unit	Typical Value
Specific Gravity	D 792	g/cm ³	1.11
Mold Shrinkage	D 955	in/in (%)	0.012 - 0.018
Water Absorption	D 570	%	1.3
Tensile Strength (Yield)	D 638	psi (Mpa)	7,527 (51.9)
Tensile Elongation (Yield)	D 638	%	3.6
Flexural Modulus	D 790	psi (Mpa)	277,000 (1,910)
Notched Izod Impact	ASO 180	ft-lb/in ² (J/m ²)	1.31 (2.76)
Rockwell Hardness (R Scale)	D 785		120

NYLON



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