



EPITEC 40% GLASS and MINERAL REINFORCED NYLON-254GM HEAT STABILIZED, LUBRICATED TYPICAL PROPERTIES

PROPERTY	ASTM METHOD	VALUE ¹ (Dry as Molded)
Izod Impact, Notched 1/8"	D-256	1.0 ft-lbs/in
Izod Impact, Unnotched 1/8"	D-256	14.0 ft-lbs/in
Tensile Strength	D-638	15,800 psi
Tensile Elongation	D-638	4 %
Flexural Strength	D-790	32,000 psi
Flexural Modulus	D-790	1,160,000 psi
Shore Hardness	D-785	122 D
Specific Gravity	D-792	1.48
HDTUL Unannealed (264 psi)	D-648	395 °F
Mold Shrinkage	D-955	0.004 in/in
Water Absorption (24 hr.)	D-570	0.90 %
Melting Point	D-789	500 °F
Coefficient of Linear Thermal Expansion	D-696	1.7 in/in/°F x 10 ⁻⁵

¹Typical values are an average of NATURAL color samples tested and based on common ASTM procedures. This data is presented as a guide and does not reflect product specifications for particular properties.

Nylon

Nylon-254GM

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