

Typical Properties of Thermoplastics

preliminary

MAXNITE™ 505 GF15
15% Glass Fiber Reinforced, PET

Further information and details are available upon request.

Properties	Test Method	English	Units	S.I.	Units
PHYSICAL					
Specific Gravity	D 792	NA	1.37	NA	1.37
Reinforcement Content	D 2584	%	15	%	15
MECHANICAL					
Tensile Strength	D 638	Psi	11,000	MPa	76
Elongation @ Break	D 638	%	4.0	%	4.0
Flexural Modulus	D790	Kpsi	550	MPa	3,793
Flexural Strength	D790	Psi	14,000	MPa	130
Izod Impact, notched. 73 ⁰ F (23 ⁰ C)	D256	ft-lb/in	1.5	J/m	80
THERMAL					
Deflection Temperature, 264 psi (1.82 MPa), Load	D 648	°F	392	°C	200

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