

NAXALOY 770 – NT172

Acrylonitrile Butadiene Styrene + PC Alloy

Further information and details are available upon request.

Typical ASTM Properties

Properties	Test Method	English Units		S.I. Units	
PHYSICAL					
Specific Gravity	D 792	NA	1.13	NA	1.13
Mold Shrinkage, Flow	D 955	in/in	0.005-0.007	%	0.5-0.7
Melt Flow Rate @ 230 C / 3.8 kg,	D 1238	g/10min	6.0	g/10min	6.0
Hardness, Rockwell	D 785	R	115	R	115
Water Absorption @ 24 hr	D 570	%	0.15	%	0.15
MECHANICAL					
Tensile Strength @ Yield	D 638	Psi	7,500	MPa	52
Flexural Modulus	D 790	psi	300,000	MPa	2,069
Flexural Strength @ yield	D 790	psi	12,000	MPa	83
Izod Impact, notched. 73 ⁰ F (23 ⁰ C)	D 256	ft-lb/in	12	J/m	641
THERMAL					
Deflection Temperature, 264 psi (1.82 MPa), Load	D 648	⁰ F	230	⁰ C	110

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