

NAXALOY 774IM

Acrylonitrile Butadiene Styrene + PC Alloy

Typical ASTM Properties

Properties	Test Method	English Units		S.I. Units	
PHYSICAL					
Specific Gravity	D 792	NA	1.15	NA	1.13
Mold Shrinkage, Flow	D 955	%	0.5-0.7	%	0.5-0.7
Melt Flow Rate @ 230 C / 3.8 kg, nominal	D 1238	g/10min	4.0	g/10min	4.0
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	8,516	MPa	58
Tensile Elongation at Break	D 638	%	14	%	14
Flexural Modulus	D 790	psi	358,176	MPa	2,470
Flexural Strength @ yield	D 790	psi	13,021	MPa	90
Izod Impact, notched. 73°F (23°C)	D 256	ft-lb/in	8	J/m	430
THERMAL					
Deflection Temperature,					
66 psi (0.45MPa), Load	D 648	°F	253	°C	123
264 psi (1.82 MPa), Load	D 648	°F	240	°C	115

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