

Naxaloy 770-BK237

High Impact Polycarbonate/ABS Blend

For automotive interior/exterior covered & painted applications where impact, stiffness & heat resistance is needed. Good processability. Further information and details are available upon request.

Typical ISO Properties

Properties	Test Method	English Units		S.I. Units	
PHYSICAL					
Specific Gravity	ISO 1183	NA	1.14	NA	1.14
Hardness	ISO 868	D	59	D	59
Reinforcement Content	ISO 3451A	%	N/A	%	N/A
Melt Flow Rate @ 230°C / 3.8kg	ISO 1133	g/10min	4	g/10min	4
MECHANICAL					
Tensile Strength @ Yield	ISO 527	PSI	7,100	MPa	49
Elongation @ Yield	ISO 527	%	4.5	%	4.5
Flexural Strength.	ISO 178	PSI	10,200	MPa	70
Flexural Modulus.	ISO 178	K-PSI	335	MPa	2,300
Izod Impact, notched.	ISO 180	Ft.lbs./in ²	23.8	KJ/m ²	50
Charpy Impact, notched	ISO 179	Ft.lbs./in ²	21.4	KJ/m ²	45
THERMAL					
Deflection Temperature, unannealed. 0.125" (3.2mm)					
264 PSI (1.8 MPa), Load	ISO 75	°F	212	°C	100

The values shown on the data sheet are typical values that have been obtained on typical MRC materials and are not intended for specification purposes. Information on this data sheet is provided without any warranty or guarantee. Each user of the material should make his own test to determine the suitability of the material for his use. Therefore, it is understood and agreed that the customer assumes and hereby releases MRC Polymers, Inc. from all liabilities, incurred in connection with the use of MRC's products, technical assistance, and information.