

NAXALOY™ 780

Polyester Blend of Polycarbonate (PC) and Polybutylene Terephthalate (PBT)

Good Chemical resistance, impact and heat resistance. Further information and details are available upon request.

Typical ASTM Properties

| Properties | Test Method | English Units | | S.I. Units | |
|--|-------------|---------------|-------------|------------|-----------|
| | | | | | |
| PHYSICAL | | | | | |
| Specific Gravity, solid | D 792 | NA | 1.20 | NA | 1.20 |
| Water absorption 24 hr @73°F | D 570 | % | 0.12-0.16 | % | 0.12-0.16 |
| Linear Mold Shrinkage, | D 955 | in/in | 0.006-0.009 | % | 0.6-0.9 |
| MECHANICAL | | | | | |
| Tensile Strength. | D 638 | psi | 8,500 | MPa | 59 |
| Flexural Strength. | D 790 | psi | 12,500 | MPa | 86 |
| Flexural Modulus. | D 790 | kpsi | 340,000 | MPa | 2,345 |
| Izod Impact, notched. | D256 | ft-lb/in | 8.5 | J/m | 454 |
| THERMAL | | | | | |
| Deflection Temperature, 264 psi (1.82 MPa), Load 66 psi (0.45 MPa), Load | D 648 | °F | 212 | °C | 100 |
| | | °F | 225 | °C | 107 |

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.