

# NAXALOY® 773

Polycarbonate + ABS

MRC Polymers, Inc.

## Message:

Further information and details are available upon request.

| General Information                                     |               |                   |             |
|---------------------------------------------------------|---------------|-------------------|-------------|
| Physical                                                | Nominal Value | Unit              | Test Method |
| Specific Gravity                                        | 1.13          | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)                | 5.0           | g/10 min          | ASTM D1238  |
| Molding Shrinkage - Flow                                | 0.50 to 0.70  | %                 | ASTM D955   |
| Water Absorption (24 hr)                                | 0.15          | %                 | ASTM D570   |
| Hardness                                                | Nominal Value | Unit              | Test Method |
| Rockwell Hardness (R-Scale)                             | 115           |                   | ASTM D785   |
| Mechanical                                              | Nominal Value | Unit              | Test Method |
| Tensile Strength (Yield)                                | 55.0          | MPa               | ASTM D638   |
| Flexural Modulus                                        | 2350          | MPa               | ASTM D790   |
| Flexural Strength                                       | 83.0          | MPa               | ASTM D790   |
| Impact                                                  | Nominal Value | Unit              | Test Method |
| Notched Izod Impact (23°C)                              | 270           | J/m               | ASTM D256   |
| Thermal                                                 | Nominal Value | Unit              | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 110           | °C                | ASTM D648   |

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## Recommended distributors for this material

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