

# LOXIM 821 02T HB

Polypropylene Copolymer

LOXIM Industries Private Limited

Message:

LOXIM 821 02T HB is a Polypropylene Copolymer (PP Copolymer) product filled with 20% talc. It is available in Asia Pacific.

Characteristics include:

Flame Rated

Copolymer

| General Information                                      |                            |                   |             |
|--|----------------------------|-------------------|-------------|
| Filler / Reinforcement                                   | Talc,20% Filler by Weight  |                   |             |
| Features   | Copolymer                  |                   |             |
| Appearance   | Colors Available<br>Opaque |                   |             |
| Physical   | Nominal Value              | Unit              | Test Method |
| Specific Gravity   | 0.998 to 1.10              | g/cm <sup>3</sup> | ASTM D792   |
| Molding Shrinkage - Flow                                 | 1.3 to 1.5                 | %                 | ASTM D1299  |
| Mechanical   | Nominal Value              | Unit              | Test Method |
| Tensile Strength (Break)                                 | 26.0 to 28.0               | MPa               | ASTM D638   |
| Flexural Modulus   | 1800 to 2000               | MPa               | ASTM D790   |
| Impact   | Nominal Value              | Unit              | Test Method |
| Notched Izod Impact                                      | 50 to 70                   | J/m               | ASTM D256   |
| Thermal  | Nominal Value              | Unit              | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 105 to 110                 | °C                | ASTM D648B  |
| Flammability   | Nominal Value              |                   | Test Method |
| Flame Rating (1.60 mm)                                   | HB                         |                   | UL 94       |

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