

MARPOL® LDM 765

Low Density Polyethylene

Marco Polo International, Inc.

Message:

Recommended Applications

Caps, closures, housewares and consumer packaging for sports products, leisure goods, and toys. Also suitable for colour and additive masterbatches and as a compounding viscosity modifier.

Description

MARPOL® LDM 765 is an easy flowing low density grade PE with a great balance of toughness, softness, stability and processability. This resin is designed for thin wall injection molding applications.

| General Information | | | |
|---|-----------------------|-------------------|-------------|
| Features | Good Flow | | |
| | Good Processability | | |
| | Good Toughness | | |
| | Soft | | |
| Uses | Caps | | |
| | Closures | | |
| | Compounding | | |
| | Household Goods | | |
| | Masterbatch | | |
| | Packaging | | |
| | Plastics Modification | | |
| | Thin-walled Parts | | |
| Processing Method | Compounding | | |
| | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density (23°C) | 0.916 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 65 | g/10 min | ISO 1133 |
| Hardness | Nominal Value | Unit | Test Method |
| Shore Hardness (Shore D) | 41 | | ISO 868 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress | | | ISO 527-2 |
| Yield | 8.00 | MPa | |
| Break | 180 | MPa | |
| Tensile Strain (Break) | 85 | % | ISO 527-2 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 79.0 | °C | ISO 306/A50 |

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Recommended distributors for this material

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