

MARPOL® LDC 780

Low Density Polyethylene

Marco Polo International, Inc.

Message:

MARPOL® LDC 780 can - in principle - be used in food contact applications in the USA (FDA) and in Canada (HBP). Migrations or use limitations may apply.

| General Information | | | |
|---|---|-------------------|-------------|
| Features | Food Contact Acceptable | | |
| Uses | Coating Applications | | |
| Agency Ratings | FDA Food Contact, Unspecified Rating | | |
| | HPB (Canada) Food Contact, Unspecified Rating | | |
| Processing Method | Extrusion Coating | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.915 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 8.0 | g/10 min | ASTM D1238 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 85.0 | °C | ASTM D1525 |
| Extrusion | Nominal Value | Unit | |
| Draw Down ¹ | 110 | m/min | |
| Neck-in | | | |
| -- ² | 33.0 | mm | |
| -- ³ | 35.6 | mm | |
| NOTE | | | |
| 1. | constant output 35 rpm | | |
| 2. | 328 ft/ min, (constant output 35 rpm) | | |
| 3. | 164 ft/ min, (constant output 35 rpm) | | |

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