



TotalEnergies

Refining & Chemicals
Polymers

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Polyethylene MDPE 3802

Technical data sheet
Medium Density Polyethylene BLOW MOULDING
Produced in Europe

Description

MDPE 3802 is a medium density polyethylene with good resistance to impact and excellent Environmental Stress Crack Resistance (ESCR). It has been specifically designed for the blow moulding of flexible containers. It is particularly appropriate for the production of metal drum liners.

MDPE 3802 is a pellet grade and contains antioxidants.

Characteristics

| Property | Method | Unit | Typical value (*) |
|--|---------------|-------------------|-----------------------|
| Density | ISO 1183 | g/cm ³ | 0.938 |
| Melt Flow Rate (190°C/21.6 kg) | ISO 1133/G | g/10 min | 20 |
| ESCR AntaroX 100% | ASTM D 1693/B | h | F ₅₀ > 500 |
| Notched Charpy Impact Resistance -30°C | ISO 179-1 | kJ/m ² | 8 |

(*) Data not intended for specification purposes