

TITANLENE® LE4001

Low Density Polyethylene

Lotte Chemical Titan (M) Sdn. Bhd.

Message:

TITANLENE® LE4001 is a Low Density Polyethylene material. It is available in Asia Pacific for foam processing.

Important attributes of TITANLENE® LE4001 are:

Good Weather Resistance

Heat Stabilizer

High ESCR (Stress Crack Resistant)

Typical application of TITANLENE® LE4001: Foam

| General Information | | | |
|---|----------------------------------|-------------------|-------------|
| Additive | Heat Stabilizer | | |
| Features | Foamable | | |
| | General Purpose | | |
| | Good Weather Resistance | | |
| | Heat Stabilized | | |
| | High ESCR (Stress Crack Resist.) | | |
| Uses | Foam | | |
| | General Purpose | | |
| Forms | Pellets | | |
| Processing Method | Foam Processing | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.928 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 4.0 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 4.71 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 250 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 104 | °C | ASTM D1525 |
| Melting Temperature | 125 | °C | |

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Recommended distributors for this material

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