

COSMOLEX® FS253S

Linear Low Density Polyethylene
TPC, The Polyolefin Company (Singapore) Pte Ltd

Message:

COSMOLEX® FS253S is a Linear Low Density Polyethylene product. It can be processed by extrusion and is available in Asia Pacific. Typical application: Film.

Characteristics include:

- Good Processability
- High Strength
- Slip

| General Information | | | |
|----------------------------|---------------------|-------------------|-------------|
| Additive | High Slip | | |
| Features | General Purpose | | |
| | Good Processability | | |
| | High Slip | | |
| | High Strength | | |
| | Low Density | | |
| Uses | Film | | |
| | General Purpose | | |
| Appearance | Clear/Transparent | | |
| Forms | Pellets | | |
| Processing Method | Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.924 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) | 2.0 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 24.5 | MPa | ASTM D638 |
| Tensile Elongation (Yield) | 800 | % | ASTM D638 |
| Apparent Bending Modulus | 270 | MPa | ASTM D747 |
| Thermal | Nominal Value | Unit | |
| Melting Temperature | 122 | °C | |
| Extrusion | Nominal Value | Unit | |
| Die Temperature | 160 to 180 | °C | |

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