

# Daelim Po1y® XP9500S

Metallocene Linear Low Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®XP9500S is a metallocene linear low density polyethylene product. It is available in Europe or Asia Pacific. Daelim Po1y®XP9500S applications include movies, industrial applications and food contact applications.

Features include:

- Antioxidants
- Good stiffness
- Good toughness

| General Information                       |                        |                   |             |
|---|------------------------|-------------------|-------------|
| Additive                                  | Antioxidation          |                   |             |
| Features                                  | Rigid, good            |                   |             |
|   | Antioxidation          |                   |             |
|   | Good toughness         |                   |             |
| Uses                                      | Films                  |                   |             |
|   | Industrial application |                   |             |
| Agency Ratings                            | FDA 21 CFR 177.1520    |                   |             |
| Physical                                  | Nominal Value          | Unit              | Test Method |
| Density                                   | 0.935                  | g/cm <sup>3</sup> | ASTM D1505  |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 3.7                    | g/10 min          | ASTM D1238  |
| Films                                     | Nominal Value          | Unit              | Test Method |
| secant modulus                            |                        |                   | ASTM D882   |
| MD: 22 µm, cast film                      | 178                    | MPa               | ASTM D882   |
| TD: 22 µm, cast film                      | 192                    | MPa               | ASTM D882   |
| Tensile Strength                          |                        |                   | ASTM D882   |
| MD: Fracture, 22 µm, extruded film        | 46.1                   | MPa               | ASTM D882   |
| TD: Fracture, 22 µm, extruded film        | 42.2                   | MPa               | ASTM D882   |
| Tensile Elongation                        |                        |                   | ASTM D882   |
| MD: Fracture, 22 µm, extruded film        | 420                    | %                 | ASTM D882   |
| TD: Fracture, 22 µm, extruded film        | 550                    | %                 | ASTM D882   |
| Dart Drop Impact (22 µm, cast film)       | 150                    | g                 | ASTM D1709A |
| Thermal                                   | Nominal Value          | Unit              | Test Method |
| Vicat Softening Temperature               | 121                    | °C                | ASTM D1525  |
| Peak Melting Temperature                  | 124                    | °C                | ASTM D3418  |
| Optical                                   | Nominal Value          | Unit              | Test Method |
| Haze (22.0 µm, cast film)                 | 2.0                    | %                 | ASTM D1003  |
| Extrusion                                 | Nominal Value          | Unit              |             |

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