



Topliner® 1925X

Olefinic thermoplastic elastomer

Product Description

Topliner® 1925X is an olefinic Thermoplastic Elastomer resin in the family of Thermoplastic Elastomer (TPE). The product can be widely used in plastic anti-thief cap liner, high-temperature sterilization cap liner, crown cap, aluminum cap, suitable for the liner of high-temperature, hot-fill, cold-fill caps. This grade is designed for Extrusion, Injection molding. It is completely recyclable.

General

- Appearance ✓ Translucent
- Feature ✓ Excellent sealing performance ✓ Odorless ✓ Low torquer
- ✓ long term prevention ✓ Steam Sterilization at 121°C
- Compliance ✓ RoHS ✓ GB 21928 ✓ FDA
- Form ✓ Pellet
- Packaging ✓ 25kg/bag

Technical Property

| Typical Properties | Typical Value | Unit | Test Method |
|-----------------------------------|---------------|-------------------|-------------|
| Hardness | 80 | Shore A | ASTM D-2240 |
| Density | 0.92 | g/cm ³ | ASTM D-792 |
| Tensile Strength | 14 | MPa | ASTM D-412 |
| Tensile stress at 100% Elongation | 650 | MPa | ASTM D-412 |
| Elongation at Break | 50 | % | ASTM D-412 |

The data are not to be defined as specifications.

Processing Information

| Drop-molding/Extrusion | Typical Value |
|---|--|
| Rear Temperature Middle Temperature Front Temperature Head Temperature | 130°C-150°C 160°C-190°C 160°C-190°C 180°C-200°C |
| Filter | 100 -150 mesh |
| Compress Ratio | 3:1 |

Notes:

- 1) The product is incompatible with PVC. Purge thoroughly before and after use of this product with a low flow (0.5 - 2.5 MFR) Polyethylene (PE) or Polypropylene (PP).
- 2) Color concentrate with Polyolefins based carrier is recommended.
- 3) Use the product as soon as possible after opening the package.

Contact Information

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