



Topliner[®] 8710H

Styrenic thermoplastic elastomer

Product Description

Topliner[®] 8710H is a Styrenic Thermoplastic Elastomer resin in the family of Thermoplastic Elastomer (TPE). The product can be widely used in pull ring caps, anti-theft cap inner pads, suitable for pasteurization filling bottle cap inner pads. This grade is designed for Drop-molding, Extrusion, Injection molding. It is completely recyclable.

General

- Appearance ✓ Translucent
- Feature ✓ Excellent sealing performance ✓ Steam sterilization ✓ Low odor
- ✓ high-efficiency squash oxygen
- Compliance ✓ RoHS ✓ GB 21928 ✓ FDA
- Form ✓ Pellet
- Packaging ✓ 25kg/bag

Technical Property

Typical Properties	Typical Value	Unit	Test Method
Hardness	35	Shore A	ASTM D-2240
Density	0.93	g/cm ³	ASTM D-792
Tensile Strength	10	MPa	ASTM D-412
Elongation at Break	700	%	ASTM D-412
Tear Strength	60	KN/m	ASTM D624

The data are not to be defined as specifications.

Processing Information

Drop-molding/Extrusion	Typical Value
Rear Temperature Middle Temperature Front Temperature Head Temperature	110°C-120°C 110°C-120°C 110°C-130°C 120°C-250°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) Use the product as soon as possible after opening the package.

Contact Information

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