



Topolymer® 7050-801N

Styrenic Thermoplastic Elastomer

Product Description

Topolymer® 7050-801N is a TPE compound based on Styrenic Block Copolymer (SBC). This material can be widely used in fabric lamination including bag, suitcase, shoe, etc. and film. This grade is designed for calendaring and casting. It is completely recyclable.

General

Appearance	√Natural Color		
Feature	√Soft Touch	√Silky Feel	√Scratch Resistance
	√Abrasion Resistance	√Kink Resistance	
Compliance	√RoHS	√REACH	√FDA
Form	√Pellet		
Packaging	√25kg/bag		

Technical Property

Typical Properties	Typical Value	Unit	Test Method
Hardness	80	Shore A	ASTM D2240
Density	1.05	g/cm ³	ASTM D792
Tensile Strength at break	10.6	MPa	ASTM D412
Tensile Strength at 100%	3.6	MPa	ASTM D412
Elongation at Break	520	%	ASTM D412
Tear Strength	47	KN/m	ASTM D624
Compression Set at 23°C x 22hr	43	%	ASTM D395B

The data are not to be defined as specifications.

Processing Information

Extrusion	Typical Value
Melt Temp	180-200°C
Rear Temperature	140-160°C
Middle Temperature	160-180°C
Front Temperature	160-200°C
Head Temperature	160-200°C
Die Temperature	140-220°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 PP, LDPE or EVA based carrier is recommended.
- 3) Drying is not required. However, if moisture is a problem or to get better appearance, dry pellets for 2 hours at 80°C.

Contact Information

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