



Topolymer® 6261-701N

Styrenic Thermoplastic Elastomer

Product Description

Topolymer® 6261-701N is a TPE compound based on Styrenic Block Copolymer (SBC). This material can be over-molded onto PP or used for single molding. This grade can be processed on conventional thermoplastics equipments for Injection Molding, Extrusion or other hot melt processes. It is completely recyclable.

General

| | | | |
|------------|----------------|----------------|------|
| Appearance | √Natural Color | | |
| Feature | √Soft Touch | √Easy Coloring | |
| Compliance | √RoHS | √REACH | √FDA |
| Form | √Pellet | | |
| Packaging | √25kg/bag | | |

Technical Property

| Typical Properties | Typical Value | Unit | Test Method |
|--------------------------------|---------------|-------------------|-------------|
| Hardness | 65 | Shore A | ASTM D2240 |
| Density | 1.08 | g/cm ³ | ASTM D792 |
| Tensile Strength at break | 3.9 | MPa | ASTM D412 |
| Tensile Strength at 100% | 2.6 | MPa | ASTM D412 |
| Elongation at Break | 448 | % | ASTM D412 |
| Tear Strength | 29 | KN/m | ASTM D624 |
| Compression Set at 23°C x 22hr | 20 | % | ASTM D395B |

The data are not to be defined as specifications.

Processing Information

| Injection | Typical Value |
|-------------------------|----------------------|
| Rear Temperature | 110-150°C |
| Middle Temperature | 150-200°C |
| Front Temperature | 150-210°C |
| Nozzle Temperature | 140-210°C |
| Mold Temperature | 25-40°C |
| Injection Rate | Fast/Medium |
| Back Pressure | 0.35-0.7MPa |
| Screw Speed | 30-80rpm |
| Screw L/D Ratio | 22:1 |
| Screw Compression Ratio | 2:1-4:1 |

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 3 hours at 60°C.

Contact Information

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