

Supol H-622

Thermoplastic Polyolefin Elastomer
Shanghai Suptech Engineering Plastics Co. Ltd.

Message:

H-622 by reactive extrusion into the legal system of maleic anhydride grafted elastomer copolymer of ethylene and octene copolymer (POE) , substrate selection . H-622 has a low gel, grafting ratio, light in color, which is widely used in engineering plastics (PA6 , PA66 , PBT , etc.) of toughening modification; also can be used as a compatibilizer to improve the glass fiber, fillers and the compatibility of the matrix resin; and greatly improve the adhesion between the resin or resin metal in the multi-layer co-extruded.

Typical applications

PA6 , PA66 , PBT , and other engineering plastics flexibilizer

of glass fiber reinforced and fill the PA of PBT do compatibilizer to improve the interface compatibility performance

PA / PP alloy compatibility agent

Bond performance of the multi-layer co-extruded film resin layer between the resin between the metal

| General Information | |
|---------------------|-----------------------|
| Features | Copolymer |
| | Good Adhesion |
| | Low Gel |
| | Octene Comonomer |
| Uses | Bonding |
| | Film |
| | Plastics Modification |
| Processing Method | Coextrusion |
| | Extrusion |

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|----------|-------------|
| Specific Gravity | 0.880 | g/cm³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/10.0 kg) | 1.0 | g/10 min | ASTM D1238 |
| MAH Graft Level | Gao | | |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness | 80 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 8.00 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 400 | % | ASTM D638 |
| Flexural Modulus | 155 | MPa | ASTM D790A |

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