

# Supol H-700

Thermoplastic Polyolefin Elastomer  
Shanghai Suptech Engineering Plastics Co. Ltd.

**Message:**

H-700 by reactive extrusion into the legal system of maleic anhydride grafted elastomer copolymer of ethylene and octene copolymer ( POE ) , substrate selection . H-700 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	0.890	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	4.0	g/10 min	ASTM D1238
MAH Graft Level	Gao		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness	95		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	10.0	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	220	MPa	ASTM D790A

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