

Chemieprene TPE ES-75NE

Styrene Ethylene Butylene Styrene Block Copolymer + EPDM

CP Chemie Resources (M) Sdn. Bhd.

Message:

The Chemieprene ES-75NE is a high performance thermoplastic elastomers- SEBS/EPDM (Styrene- Ethylene / Butylene-Styrene/ ethylene propylene diene monomer rubber) copolymer compounding.

Chemieprene ES-75NE is the most premium material on the criteria of mechanization-Heat Stabilization, weather resistance, UV Stabilization, Flexibility and Comfortable.

This grade of Chemieprene TPE is shear dependent and can be processed on conventional thermoplastics equipment for injection moulding or extrusion. It's a soft, elastomeric polyolefine based, completely recyclable, colourable & non-hygrosopic thermoplastics elastomer.

General Information	
Additive	heat stabilizer
	UV stabilizer
Features	Copolymer
	Good UV resistance
	Recyclable materials
	Good flexibility
	Good coloring
	Good weather resistance
	Thermal Stability
	Soft
Appearance	Natural color
Processing Method	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm ³	ASTM D769
Melt Mass-Flow Rate (MFR)	5.0 - 10	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	72 - 78		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	10.8	MPa	ASTM D412
Tensile Elongation (Break)	550	%	ASTM D412
Tear Strength	88.3	kN/m	ASTM D624
Additional Information			

We confirmed we do not intentionally use the below listed substances in the manufacturing of or formulation of Chemieprene TPE compounds:

Lead and its compounds

Mercury and its compounds

Hexavalent Chromium and its compounds

Cadmium and its compounds.

Polybrominated Biphenyls (PBBs)

Polybrominated Diphenyl Ethers (PBDEs)

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