

Technical Data SheetMaterial Grade: **Chemieprene ES-58NE**Colour: **Natural****Product Description**

The **Chemieprene ES-58NE** is a high performance thermoplastic elastomers- SEBS/EPDM (Styrene-Ethylene / Butylene-Styrene/ ethylene propylene diene monomer rubber) copolymer compounding.

Chemieprene ES-58NE 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-hygroscopic thermoplastics elastomer.

Properties

Mechanical Properties	Test Method	Unit	Value measured
Hardness	D2240	Shore A	58+-3
Specific Gravity	D769	gm/cm ³	0.96
Tensile Strength	D412	kg/cm ³	75
Elongation At Break	D412	%	650
Tear Strength	D642	kg/cm	65
Melt Flow Rate	D1238	gm / 10 min	5-20

Notes

We confirm we do not intentionally use the below listed substances in the manufacturing of or formulation of Perfex 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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