

## Technical Data Sheet

Material Grade: **Perflex TPE GP-50NE**Colour: **Natural**

### Product description

The **Perflex GP-50NE** is a high performance thermoplastic elastomers- SEBS (Styrene- Ethylene / Butylene-Styrene) copolymer compounding.

**Perflex GP-50NE** is the most premium material on the criteria of mechanization-Heat Stabilization, weather resistance, UV Stabilization, Flexibility and Comfortable.

This grade of **Perflex** 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	50+-3
Specific Gravity	D769	gm/cm <sup>3</sup>	1.00
Tensile Strength	D412	kg/cm <sup>3</sup>	45
Elongation At Break	D412	%	600
Tear Strength	D642	kg/cm	33
Melt Flow Rate	D1238	gm / 10 min	15-20

### Notes

We confirmed we do not intentionally use the below listed substances in the manufacturing of or formulation of **Perflex** 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)

CP Chemie Resources (Malaysia) Sdn Bhd

URL: [www.cpchemie.com](http://www.cpchemie.com)

Email: [info@cpchemie.com](mailto:info@cpchemie.com)

All Information supplied by or on behalf of CP Chemie Resources (M) Sdn Bhd in relationship to its product, whether in nature of data, recommendations or otherwise, is supported by research and believed reliable, but the Company assume no liability whatsoever in respect of application, processing or use made of the aforementioned information and products, or any consequence thereof. This data provided shall not absolve the customer of the responsibility to make test for his intended purpose or process. Therefore, the Company makes no warranties and assumes no liability in connection with any use of this data.