

Technical Data Sheet

Material Grade: **Perflex TPE SA-65BE(A)**Colour: **Black**

Product Description

The **Perflex SA-65BE(A)** is a high performance thermoplastic elastomers- SEBS (Styrene- Ethylene -Butylene-Styrene) copolymer compounding.

Perflex SA-65BE(A) is designed for over-moulding on **ABS, PC, PC/ABS, PMMA and PBT** engineering Plastic .

Perflex SA-65BE(A) 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	65+-3
Specific Gravity	D769	gm/cm ³	1.10
Tensile Strength	D412	kg/cm ³	120
Elongation At Break	D412	%	650
Tear Strength	D642	kg/cm	87
Melt Flow Rate	D1238	gm / 10 min	5~8

Notes

We confirm 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)

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