

Perflex TPE SN-50BE

Styrene Ethylene Butylene Styrene Block Copolymer

CP Chemie Resources (M) Sdn. Bhd.

Message:

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

Perflex SN-50BE designed for over-moulding on PA6, PA6.6 un-fill and filled.

Perflex SN-50BE 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.

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	Black		
Processing Method	Extrusion Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.980	g/cm ³	ASTM D769
Melt Mass-Flow Rate (MFR)	10 - 15	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	47 - 53		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	3.43	MPa	ASTM D412
Tensile Elongation (Break)	530	%	ASTM D412
Tear Strength	31.4	kN/m	ASTM D624
Additional Information			

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)

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

