

## Perflex GP Series

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

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

Applications :

- Toothbrushes
- Consumer article
- Tools
- Seal
- Grip

Test method		Hardness	Specific Gravity	Tensile strength	Elongation at break	Tear Strength
Grade name	Color	ASTM 2240	ASTM 792	ASTM 412	ASTM 412	ASTM 746
		Shore A	gm/cm <sup>3</sup>	kg/cm <sup>2</sup>	%	kg/cm
GP-35NE GP-35BE	Natural Black	35	1.05	32	680	25
GP-50NE GP-50BE	Natural Black	50	1.05	42	620	31
GP-60NE GP-60BE	Natural Black	60	1.05	48	600	37
GP-75NE GP-75BE	Natural Black	75	1.05	62	550	68
GP-85NE GP-85BE	Natural Black	85	1.05	105	530	85
GP-95NE GP-95BE	Natural Black	95	1.05	125	500	95

Remark: This information may be subject to revision as new knowledge and experience becomes available. The results of our tests are determined by sample check and mean only a technical description of our products. 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.

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		Shore A	gm/cm <sup>3</sup>	kg/cm <sup>2</sup>	%	kg/cm
GP-45TE	Translucent	45	0.89	58	750	38
GP-60CE	Transparent	60	0.89	60	650	48
GP-65TE	Translucent	65	0.89	62	580	40
GP-75TE	Translucent	75	0.89	75	550	80
GP-85TE	Translucent	85	0.89	115	540	90
GP-95TE	Translucent	95	0.89	135	550	105

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#### Performance Feature:

- Easy to colour
- BfR, FDA, 2002/72/EC and EN 71/3 conforming
- Excellent physical properties
- Smooth surface
- Adhesion to PP
- Service temperature: -40° C to +100° C
- Halogen-free
- Recyclable