

dryflex®

Thermoplastic Elastomers

Toothbrushes

- Soft touch comfortable grip
- Customisable feel; from silky smooth to tacky grip
- Excellent adhesion to engineering thermoplastics in overmould, insert or 2K bonding
- Available from opaque to highly transparent
- Good flow
- PVC and latex free
- Available in range of colours
- Good scratch resistance
- Low taste and odour
- Anti-microbial grades available



Greater Consumer Appeal

Dryflex® thermoplastic elastomers (TPEs) are an ideal choice for toothbrush handles thanks to their tactile appeal and design versatility. They are available in a range of hardnesses with a variety of surface finishes, enhancing product design and giving the consumer the desired touch and feel.

The material structure of Dryflex® TPE produces the high surface 'tackiness' and high friction required in these applications. When it comes to choosing between filled and unfilled grades* the questions are: Shall the handle be scratch-resistant with an attractive finish? Are bright colours required? When good scratch resistance is essential, an unfilled material should be considered because the presence of a filler causes scratches. However, the filler provides a more stable melt, improving injection moulding and extrusion.

*Unfilled material is scratch-resistant and has a lower density than filled material. Filled material is more heat-resistant and also gives a drier feeling than unfilled material

VTC Elastoteknik AB and Vita Thermoplastic Polymers (VTP) are members of the VTC TPE Group

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