

## Declaration of Migration Testing Carried Out on Polypropylene and Polyester Components Used in Hillbrush Products

Migration testing for Polypropylene, Polyester and TPE rubber components used in Hillbrush products has been independently carried out by **Eurofins Product Testing Services Ltd** – [www.eurofins.com](http://www.eurofins.com) – under full laboratory conditions. Tests were performed on the Polypropylene, used in all Hillbrush injection moulded parts, the Polyester monofilaments used as filling material on all Hillbrush hygienic brushes and the TPE rubber used in our Overmoulded squeegees.

The tests performed used JR05R OML in 50% Ethanol repeated use (#) at 50°C for 4 hours. The method used was EN1186, gravimetric. The ratio of food contact surface area to volume used to determine the compliance of the product: Polypropylene = 2/150 dm<sup>2</sup>/ml with a layer thickness of >=0.5mm and Polyester = 2/100 dm<sup>2</sup>/ml with a layer thickness of <0.5mm.

|                         |                            |
|-------------------------|----------------------------|
| Migration Type:         | Immersion                  |
| According to EN:        | 1186-3                     |
| Temperature:            | 50°C                       |
| Duration of Experiment: | 4 Hours                    |
| Replicate 1:            | <2 *mg/dm <sup>2</sup>     |
| Replicate 2:            | <2 *mg/dm <sup>2</sup>     |
| Replicate 3:            | <2 *mg/dm <sup>2</sup>     |
| Mean:                   | <2 *mg/dm <sup>2</sup>     |
| Results based on:       | 1 <sup>st</sup> Repetition |
| Variation from Norm:    | No                         |

### **Notes:**

\* = Below indicated quantification level

(#) = Eurofins Consumer Product testing (Hamburg) is accredited for this test

### **Comment:**

Regulation (EU) No 10/2011 require that no material shall be capable of transferring its constituents to food with which it may come into contact in quantities exceeding the appropriate limit. The overall migration limit is expressed either as 60 mg/kg for food or 10 mg/dm<sup>2</sup>.

The results above are all within these limits.

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