

**Typical Application:** Hygiene and Technical Brushes for use in food processing factories  
All due diligence principal for food safety applies

**Product availability**

Diameter: 0,35mm; 0,60mm; 1,10mm  
Colour: Natural (grey)  
Further colours subject to surcharge and minimum order quantity

**Technical characteristics**

A specially formulated PBT raw material is used to give the highest possible concentration and dispersion of metal particles inside the filament. The filament has all the regular characteristics of PBT - very low moisture absorption, high temperature resistance, good wear resistance and can be autoclaved.  
All additives used conform to European food contact regulation 2002/72/EG.

**Detectability**

Tested on a Mettler Toledo Safeline 'R Series' using a typical food industry machine calibration of 0,90mm Ferrous, 800 kHz frequency, Sensitivity 999, 0° Phase, without the influence of foodstuffs, the following single filament length is detectable:

**Filament direction**

Diameter	Longitudinal	Transverse
0,35mm	25mm	50mm
0,60mm	10mm	25mm
1,10mm	5mm	5mm

