

PS

Polystyrol bristles for brushes and brooms

Polystyrol is one of the oldest known synthetic resins, thermoplast material. It is a colourless, glassy, transparent, rigid material, and good insulator. It does not dissolve in water, but soluble in organic solvents. The shock-resistant polystyrol products have good mechanical properties, can be easily coloured and for these characteristics it is a more and more widely used material in brush industry.

Physical and chemical characteristics

Density:	1,04-1,05 g/m ³
Tensile strength:	30-50 N/mm ²
Elongation at break:	1.0-5.0 %
Melting point:	240°C
Wear resistance:	good
Heat resistance:	70-80°C

Chemical resistance (on 20°C)

Alkalis, strong acids:	resistance
Weak acids:	resistance
Alcohols:	resistance
Organic solvents:	solve

Fields of application

Household and body-care brushes, brooms, industrial and technical brushes

Quality alternatives

Possible bundle length: 35-1200 mm

Normal – oiled

Straight (level)

Normal
Flaggable
Flagged



Crimped: we can offer ten types of crimping



Flagged:

- min. diameter: 0.23 mm
- length: 120-1000 mm
- depth of flagging: 8-13 mm

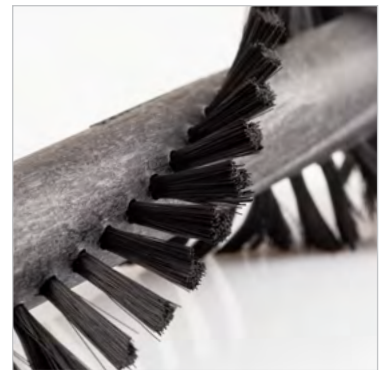
Profile types



Round / Oval

Colours

Our standard colours are given in our colour sample collection. In case of significant quantity is demanded, also different colours can be manufactured.





Size range

- Brush bristles: 0,30-0,59 mm
- Broom threads: 0,60 mm and above

Packing

Fibre diameter below 0,50 mm: PE foil tube with bundle diameter 55-57 mm or 58-60 mm in accordance with demand

Transportation

In cartons, fixed to pallet; as required.



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