

PVC SMART

Extremely versatile



DESCRIPTION

PVC Smart is extremely versatile and is the monofilament most widely used for the production of brooms, brushes, Christmas trees and decorations. It has excellent mechanical properties. Level, crimped, with either a round or star profile, flaggable, non-flaggable and pre-flagged, and available in a range of diameters from 0.25 mm to 1.40 mm.

WHERE TO USE

- Indoor brooms
- Outdoor brooms
- Rug and carpet brushes
- Industrial brooms
- Cloth brushes
- Shoe brushes
- Radiator brushes
- Cobweb brushes
- Twisted cobweb brushes
- Bottle brushes
- Window cleaning brushes
- Car wash brushes
- Christmas trees
- Garlands and decorations

COLOURS

PVC Smart is available in all the colours of our range.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

PVC Smart is an article and referring to the current European regulations (Reg. 1906/2007/EC - REACH) does not require the preparation of the Safety Data Sheet. During use it is recommended to wear protective gloves and goggles and follow the safety requirements of the workplace.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY	
Composition:	Polyvinyl chloride (PVC), non-phthalate plasticizers, Calcium/Zinc stabilizers, lubricants, sliding additives, epoxidized soybean oil, master batches PS or PE based without heavy metals, PS crystals
Aspect:	monofilaments
Length:	maximum tolerance foreseen ± 2 mm. All lengths available till 1200 mm maximum
Diameter:	maximum tolerance foreseen $\pm 10\%$
Use:	for brooms, brushes and other products for household and industrial purposes
Colours:	various colours to choose from the catalog
Specific weight:	1.30-1.35 g/cm ³
Maximum operating temperature:	60°C
Water absorption:	< 0.1%
Combustibility:	hardly flammable and self-extinguishing
Abrasion strength:	good
UV strength:	good
Chemical resistance:	good resistance to non-polar solvents, petrol, mineral oils, alcohol, alkaline and acid solutions. Avoid use in presence of acetone, trichloroethylene, turpentine, benzene and chloro-form
Mechanical details:	good bend recovery, good resistance to abrasion



WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in

force at the time of the MAPEI product installation.

The most up-to-date TDS can be downloaded from our website www.mapei.com.

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.

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