











Material / Application for brush products

Head materials	Application
Plant-based head materials	
Union A mixture of the plant fibres, bassine and bromeliad-type fibres	<ul style="list-style-type: none"> • Ideal for scrubbing • Ideal in wet areas • For all surfaces
Coconut fibre Comes from the fruit fibres that grow around coconuts	<ul style="list-style-type: none"> • For rough floor surfaces, e.g. in industry, workshops • Stubborn dirt • For all surfaces • Also suitable for wet areas
Fibre Comes from the leaves of various types of bromeliad and Agave plants	<ul style="list-style-type: none"> • Ideal in wet areas • Fine, soft yet tough fibres • Soak up a lot of water
Rice Comes from the roots of the Zacaton grass plant	<ul style="list-style-type: none"> • Soak before use • Only in wet areas • Soaks up a lot of water • Good scrubbing effect
Arenga Is a type of palm fibre	<ul style="list-style-type: none"> • Good scrubbing effect • Ideal in wet areas
Piassava Comes from the fronds of different types of palm	<ul style="list-style-type: none"> • Ideal for scrubbing • Hard fibres • Extremely hard-wearing, e.g. forecourts, building sites
Animal-based head materials	
Horsehair Includes both the mane and tail hair, both of which are used for bristles	<ul style="list-style-type: none"> • Excellent cleaning properties • For all interior surfaces • Very long service life • Only for dry areas • No static charge
Reinforced horsehair Is usually made up of a mixture of horsehair and polyester	<ul style="list-style-type: none"> • Good cleaning properties • For all interior surfaces • Only for dry areas
Artificial head materials	
Polyester Chemically manufactured fibre, often abbreviated to PBT	<ul style="list-style-type: none"> • Good resistance to chemicals • Heat resistant to 95°C • Ideal in wet areas, e.g. hygiene, agriculture
Polypropylene Chemically manufactured fibre, often abbreviated to PP	<ul style="list-style-type: none"> • Good resistance to chemicals • Ideal in wet areas
Nylon (polyamide) Chemically manufactured fibre, often abbreviated to PA	<ul style="list-style-type: none"> • Good resistance to chemicals • Ideal in wet areas, e.g. hygiene, agriculture • Very long service life • Heat resistant to 95°C
Metal head materials	
Bronze wire An alloy of copper and tin	<ul style="list-style-type: none"> • Optimal abrasive effect • Resistant to corrosion • Ideal for cleaning grills and barbecues

Material Plastic articles

Description	Suitable for freezing	Dishwasher-safe	Microwave-safe	Max. working temperature	Material symbol	Properties
ABS plastic	YES to -40 degrees	YES	YES	+ 95 degrees		High impact resistance and tenacity. Not sensitive to weak acids and weak alkalis. Sensitive to acetone, petroleum + mineral spirit.
Standard polystyrene PS	No	No	No	+ 70 degrees		Transparent in uncoloured state. Stiff. High surface gloss. Wash out and air thoroughly, as the material can take on odours. Sensitive to acetone, petroleum and mineral spirit.
Impact resistant polystyrene SB	No	No	No	+ 70 degrees		Higher impact resistance, tenacity and chemical compatibility than standard polystyrene. Sensitive to acetone, petroleum and mineral spirit.
SAN plastic	YES to -40 degrees	YES	YES	+ 90 degrees		Better mechanical properties than polystyrene. Takes on odours from aromatic oils. Sensitive to acetone, petroleum and mineral spirit.
Low-density polyethylenes PE-LD	YES to -30 degrees	No	No	+ 70 degrees		Robust and tough. Not sensitive to any kitchen chemicals. Can take on odours from particularly smelly materials.
High-density polyethylenes PE-HD	YES to -40 degrees	YES	YES	+ 100 degrees		Same properties as low-density polyethylenes.
Polypropylene PP	YES to -40 degrees	YES	YES	+ 120 degrees		High resistance to impact, crushing and wear. Not sensitive to alcohol and certain acids. Boil-proof.
Polyamide 6/6 nylon PA	YES	YES	No	+ 220 degrees		Very high impact resistance, tenacity and durability. Not sensitive to most chemicals, but is attacked by strong acids and bleaching agents.
Polycarbonate PC	YES to -40 degrees	YES	YES	+ 115 degrees		Transparent in uncoloured state. Very robust, sensitive to organic chemicals.
Melamine MF	No	YES	No	+ 115 degrees		Tasteless and odourless. Stiff and scratchproof. Boil-proof, but should not be placed in an oven or on a hob. Is stained by tea, coffee and certain salts.

Application of plastic articles

Our identification system shows clearly and unambiguously the properties of the respective products and how they should be used and cared for.

Needless to say, our plastic products are either recyclable or can be burned without harming the environment.



Specifies which plastic has been used.
You know from this that it is recyclable.



Tested. Harmless if put in contact with foodstuffs.



Dishwasher-safe. Please note the maximum temperature stated!



Suitable for freezing. Please note the minimum temperature stated!



Microwave-safe. Please note: some foodstuffs with an extremely high oil content can become overheated if microwaved for a long time at the maximum setting.