

BETAPRIME™ 5600-1

Adhesion Promoting Primer

BETAPRIME™ 5600-1 is a transparent adhesion promoter for polyolefin plastic (PP, PP-EPDM).

This primer must be used in combination with DuPont Adhesives BETAFILL™, BETALINK™ or BETAMATE™ 7700.

All DuPont products are primarily developed in co-operation with the automobile manufacturers, according to their needs and their specifications, they are approved for the specific applications as defined by the customer. The use of the product other than approved application must be released in written form by the Technical Service of DuPont.

Unless specified otherwise test are conducted at 23°C/50% relative humidity.

Product information

Colour	Clear	
Basis	Solvents / Synthetic resin	
Pigments	none	
Density	0.86 - 0.9 g/cm ³	ISO 845
Solid content	7.4 - 8.4 %	

Rheological properties

Cup Viscosity	45 - 55 s
Cup Type	DIN-cup, 2mm

Application technique

Open time	0.25 - 3 ^[1] h
Processing temperature	10 - 40 °C

[1]: 15 minutes to 3 hours, with felt application.

Storage and stability

Shelf life	12 ^[2] months
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[2]: Shelf life is assured at +5°C to +25°C in unopened containers. Short term storage temperatures: 0°C to +40°C. Minimum shelf life upon dispatch from DuPont production location.

Additional information

How to use

Processing instructions

Caution: The product is extremely sensitive to humidity. It is imperative that container should be closed immediately after use, in order to extend durability of the remaining primer contents.

Shelf life after opening

Contents should be used within 2 days after opening container.



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Processing equipment

Primer applicator, primer application device (flask with primer applicator head and felt) or automatic primer application system.

Surface preparation

All bonding surfaces must be free of dirt, dust, water, oil and grease, release agent and similar contaminants. Verify compatibility before use or consult our technical service department.

Cleaning

Clean equipment with BETACLEAN™ 3000.

Safety instruction

The use of bonding agent (primer) is generally harmless and as long as the basic rules for safe handling of chemicals are applied. However, the direct contact of uncured primer to food and food containers shall be avoided. Mandatory are protective measures in order to prevent direct skin contact as well as to avoid solvent inhalation. Proper ventilation should apply when using primers with high volatile content. If any primer is applied in the means of spraying technique, special care should apply in relation to respiration and personal protection in order to prevent aerosol inhalation. Suitable solvent resistant rubber gloves, conventional eye protection as well as appropriate type of respirator mask are essential. In case of direct contact with any primers the skin must be rinsed first with warm water and then cleaned thoroughly with conventional soap. Solvents shall be avoided. For detailed protective measures refer to the material safety data sheets.

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