

ENDURATHANE A-45
Styrene Lamination Adhesive

PRODUCT DESCRIPTION

Endurathane A45 is a fully formulated polyol blend designed to react with Suprasec 5005 isocyanate. It is primarily used in the manufacture of composite panels and laminates.

PROCESSING INFORMATION

This system may be mixed by a variety of methods. Refer to application bulletin.

TYPICAL REACTION DATA

Mixing Ratio:

Resin: 100 pbw
Isocyanate: 175 pbw

Reaction profile under laboratory batch mix conditions at 21°C:

Cream Time: 10 sec
Gel Time: 26 sec
End of Rise: 55 sec
Free rise core density: 33 kg/m³

PACKAGING

Nett 215 kg per drum.
Nett 1080 kg per ibc.

TYPICAL LIQUID PROPERTIES AT 21°C

Appearance: Light straw coloured liquid
Viscosity (Brookfield): 400 mPa.s
Specific Gravity: 1.13

STORAGE AND HANDLING PRECAUTIONS

To prevent ingress of moisture, drums must be kept tightly sealed when not in use.

Storage Stability

This product has a storage stability of approximately 12 months.

For prolonged storage, it is recommended that the temperature should not exceed 20°C.

HEALTH AND SAFETY ADVICE

Refer to Polymer Group Ltd Material Safety Data Sheets for individual products.

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