

PU BINDER 1168

POLYURETHANE, ONE-COMPONENT BINDER

GENERAL CHARACTERISTICS

PU BINDER 1168 is a moisture-cured, low viscosity, one component, fast-curing polyurethane binder.

Used for the manufacturing of prefabricated rolls of SBR or SBR with EPDM speckles or EPDM granules.

TECHNICAL DATA

Isocyanate equivalent weight	375
NCO content	11.2 ± 1%
Viscosity (25°C)	4500-10000 mPa.s
Specific gravity (25°C)	1.05 -1.15 kg/m ³
Acidity (as HCL)	<0.05 %
Appearance	Yellow liquid

PREPARATION-APPLICATION

Molded in production:

Rubber granules and **PU BINDER 1168** are mixed, taken into moulds under pressure and high temperatures. Rigid parts are obtained like in the form of different types of safety tiles or rolls. 150-170 bars pressure, mold temperature of 120-130°C gives reasonable results. Some sprayed water (0.5-1.0% by mass of rubber granules) is preferred to ensure a faster (5-10mins). In molding applications, binder should not fall below 5-7% of rubber granules by weight.

PACKAGING

Barrels of 215 Kg



STORAGE

8 months in unopened containers in cool and dry places, out of sunlight, with minimum temperature 10°C and maximum temperature 30°C.

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CAUTION

The application must take place in well-aired places using protective gloves. Skin or eye contact must be avoided, otherwise wash carefully with soap and water.

For more information consult the safety data sheet.

The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. For additional information or questions, contact the technical department of KDF LTD.

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