



Material Specification
Isodur DN
Polyisocyanate hardener for water-based applications

Revision: 2020-02-27

For updates, refer to the corresponding product web page at:
<https://kautschuk.com/products/adhesives/isodur-dn>

Isodur DN

Material Definition

Appearance: Colorless or Yellow-light brown
NCO content of the solution: $21.1 \pm 0.5\%$
Viscosity: 1000-2300 CPS/25°C
Density: 1.16 g/cm³
Solids content: $\geq 99\%$
Flash point: about 230°C

Application

Isodur DN is intended for PU water-based resin applications, adhesives, paints and coats, and water-based ink.

Usage Information

Added ration: 5-6%
Initial bond strength: Medium
Final bond strength: Perfect
Immediate peel strength: Medium

Disclaimer: The above information is based on our experience to date and is intended for your advice. It does not constitute a guarantee for individual applications because the application and handling in each case lie beyond our control. If damage or injury occurs as a result of an application for which we are proven liable, or maximum liability will be limited to the value of the products supplied by us and used by you. Claims for compensation based on the provisions of the Product Liability Law are not affected by the liability exclusion insofar as they are based solely on this law and are made by third parties. Kautschuk Group's general [terms and conditions](#) apply.



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Final peel strength: Perfect
Heat resistance: Good
Yellowing/discoloration resistance: Perfect
Oil resistance: Good

Handling, Storage, and Packaging

The processing and use of Isodur DN requires adequate technical and professional knowledge. Please consult safety data sheet and observe local safety regulations. The legal requirements prevailing in your country, especially in the avoidance of accidents, working hygiene and patent rights must be observed.

Isodur DN has to be stored in its sealed original containers at temperatures from 5 to 35°C. The product must always be kept in a sealed container as it is highly sensitive to moisture. Properly stored it is stable for a minimum of 12 months. If it is stored or transported at low temperatures, crystalline deposits may form but they will re-dissolve at room temperature.

Available pack sizes for Isodur DN:

- 180 kg drums
- 0.8kg Aluminium bottles

Regulatory Information

EU REACH registered: no

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