

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

Purity: $\geq 99\%$

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

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

Availability

- Americas (United States, Canada, South America)
- APAC (Asia-Pacific)
- ANZ (Australia, New Zealand)
- EU (European Union)
- PRC (People's Republic of China)
- UK (United Kingdom)

Disclaimer / Conditions

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Stated storage and shelf life times are minimum guaranteed values for a period starting on the day of shipment. After this period has expired, the

product requires additional quality control testing but may very well still be within specification. For more information, refer to our [Shelf Life Policy \(/info/shelflife\)](/info/shelflife).

For updates on product information, please check this web page regularly:
<https://kautschuk.com/products/adhesives/isodur-dn>
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This page is also available in: **Deutsch**
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