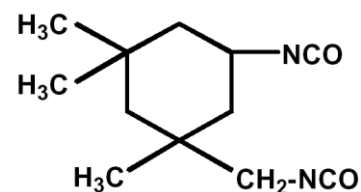


Everchem IPDI

Isophorone diisocyanate

3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate



43.13.018e / 05.13

General description

EVERCHEM IPDI is a cycloaliphatic diisocyanate. It is a low viscosity liquid with a weak but specific odour.

Specification

Property	Value	Unit	Test method
NCO content	37.5 – 37.8	% by wt.	EN ISO 11 909 ASTM D 2572
Purity	≥ 99.5	% by wt.	gas chromatography
Total chlorine	≤ 400	ppm	-
Hydrolyzable chlorine	≤ 200	ppm	-

Typical data

Density at 20 °C	1.058	g/cm ³	DIN EN ISO 2811 ASTM D 2111
Viscosity at 20 °C	ca. 14	mPa·s	DIN EN ISO 3219
Colour (APHA)	≤ 30	-	DIN EN ISO 6271
Refractive index n ²⁵ _D	1.483	-	DIN 51 423, Part 2
Vapour pressure at 20 °C	6.35 x 10 ⁻⁴	hPa	-
Flash point (closed cup)	151	°C	DIN EN ISO 2719
Ignition temperature	430	°C	DIN 51 794

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Media, PA 19063

TEL: (484)234-5030

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The information Submitted in this publication is correct to the best of our knowledge at the date of publication. It is given in good faith but no warranty is implied with respect to the quality and specification of the product for solely consideration, investigation and verification. Final determination of suitability of any material is the sole responsibility of the user.

Properties and Applications

Being a cycloaliphatic diisocyanate EVERCHEM IPDI meets all important requirements for the manufacture of lightstable and weather-resistant polyurethanes.

With suitable choice of the co-reactants (polyols) it imparts to the resulting PUR systems high resistance to yellowing as well as the typical properties of polyurethanes such as good mechanical properties and chemical resistance.

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