

Scuranate[®] T100



Description

- ⇨ Scuranate[®] T100 contains more than 99% of 2,4-toluene diisocyanate.

Applications

- ⇨ Polyurethane (PU) cast elastomers
- ⇨ PU paints
- ⇨ PU adhesives
- ⇨ PU binders

Handling and Storage

- ⇨ TDI (as well as other isocyanates) is a toxic reactive chemical that must only be handled under very strictly controlled conditions. It is therefore essential to carefully read its safety data sheet before processing it.
- ⇨ Scuranate[®] T100 is sensitive to moisture and should be kept in its sealed original container or in a storage tank under dry nitrogen blanketing. It should be stored at temperatures around 20-24°C. In these appropriate conditions, it can be stored for at least 12 months.
- ⇨ Storage at higher temperatures can lead to discolouring and formation of solids which can not be dissolved by heating. If Scuranate[®] T100 is stored at temperatures below 15°C, it can crystallise.
- ⇨ For more information please refer to the material safety data sheet and the handling guide available on www.perstorp.com

Sales specification

Toluene Diisocyanate Assay, % ¹	Min. 99.5
2,4 Isomer, % ²	Min. 99.0
Acidity, as HCl, ppm ³	Max. 130
Hydrolyzable Chlorine, ppm ⁴	Max. 150
Total Chlorine, ppm ⁵	Max. 700
Color, APHA ⁶	Max. 25

Typical property

NCO content, %	48.1 (approx.)
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Analytical Method

¹ NF52132, ² NF52134, ³ NF52136, ⁴ NF52135, ⁵ PX0018, ⁶ NF20605

Analytical methods are available on request