

Toluene Diisocyanate (TDI 80/20) in IRAN



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(ISO 9001 : 2015 & AEO T1 Certified Co.)

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URS : UKAS

Toluene Diisocyanate : We offer it as Clear Colourless to Yellowish Liquid with Purity 99.7% & above.

Introduction : HS Code No. : 29291010 **Odor** : Sharp, Pungent Odor

- **Toluene Diisocyanate** : CAS No. 26471-62-5
- **2,4-Toluene Diisocyanate** : CAS No. 584-84-9
- **2,6-Toluene Diisocyanate** : CAS No. 91-08-7



- TDI (Toluene Diisocyanate) is an Organic Compound, produced from Toluene, followed by Phosgenation.
- It is a mixture of Two, Commercially Important, Isomers, 2,4-TDI (80%) and 2,6-TDI (20%).
- It is used in production of Rigid & Flexible Polyurethane Foams, with High Temp. Stability.
- Also used in making Urethane Paints, Varnishes, Elastomers & Coatings.

Specification : Most Stringent Quality controlled Product.

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|-----------------------------|---------------|------------------|----------------|
| • Assay (Purity) | : 99.90% Min. | • Total Acidity | : 40 ppm Max. |
| • Hydrolyzable Chlorine | : 80 ppm Max. | • Total Chlorine | : 700 ppm Max. |
| • Isomer Content (%) | | • Colour (APHA) | : 25 Max. |
| 2,4- Toluene Diisocyanate | : 80±1 | | |
| 2,6- Toluene Diisocyanate | : 20±1 | | |

Major Applications :

In the manufacturing of Polyurethane Resins being used across a Vast Range of Industries, like :

- **Apparel** : To produce Stretchable, Lightweight Fabrics.
- **Appliances** : For Thermal Insulation in Refrigerators & Freezers etc.
- **Automotive** : For Car Seats, Car Ceiling, Body, Doors, Windows, Bumpers, Spoilers etc.
- **Construction** : Foam-core panels.
- **Composite Wood** : To make Cabinets & other Furniture in Homes.
- **Electronics** : For Sealing, Compressing & Insulating Circuit Boards.
- **Flooring & Furnishings** : To make more Sturdier Floors, (Bedding & Carpet Padding).
- **Marine** : To improve Durability & Sturdiness of Boats.
- **Medical** : Mainly in Equipment's & Accessories
E.g. : Surgical Drapes, Injection Molded Devices, Wound Dressing etc.
- **Packaging** : PU Packing Foam allows to Secure & Protect Goods throughout Transit period (Glassware, Medical Equipment etc.)
- **Paints**

Packings : 250 Kgs. Net in new Steel Drums
: In 20 ft. FCL, 20 MT Palletized

