



## TDI

### Toluene Di-Isocyanate

#### Product Description

Toluene Di-Isocyanate (TDI) is an organic compound with the formula  $H_3C_6H_3(NCO)_2$  and a member of Isocyanates, which is chemically related to polyurethanes.

#### Application

TDI has wide variety of applications which range from furniture industry, bedding and carpets underlay to transportation equipment and packaging industries. The substance is also used in the production of surface coatings, sealants, adhesives and elastomers.

#### Composition

80/20 blend of 2, 4 and 2, 6 isomers of Toluene Di Isocyanate.

#### Specific Gravity

1.22+/- 0.02 at 25.4 °C

#### Hydrometer

S 690.3000

#### Typical Data

Property	Limit	Test Method
Form at 30 °C	Clear Liquid	Visual
Color	Water white to pale yellow	Visual
APHA Color Rating	Max. 25	H900.1700S
Freezing point, °C	14.0 +/- 1.0	H900.3000S
Purity, %Wt	Min. 99.5	H900.6500S
Total Acidity, %Wt	Max. 0.004	H900.0500S
Hydrolysable Chlorine, %Wt	Max. 0.009	H900.3500S
Total Chlorine, %Wt	Max. 0.05	H900.8000S

#### Isomer Content, %Wt

2, 4 TDI	80.0 +/- 1.0	—
2, 6 TDI	20.0 +/- 1.0	—