



Asia Petrochemicals LLC

Toluene Di Isocyanates (TDI)

PRODUCT DESCRIPTION

Toluene Diisocyanate TDI 80-20 is a toxic and highly reactive organic compound. Commercial production of toluene diisocyanate involves the conversion of toluene to a diamine, which is reacted with phosgene to yield TDI, a clear to pale yellow liquid with a sharp odor. TDI 80-20 is a mixture blend of 80% 2,4-toluene diisocyanate and 20% 2,6-toluene diisocyanate. TDI 80-20 is mainly used in the production of polyurethane foam and other polyurethane products including elastomers, synthetic leather, coated fabrics, paints and adhesives.

APPLICATIONS:

Toluene Diisocyanate TDI 80-20 is an aromatic isocyanate that is produced for reaction with polyols to form polyurethanes. It is widely used in the production of polyester-based soft foam, high-bearing sponges, semi-rigid ester foam, and paint.

Packing: Bulk, ISO Tanks & 250Kgs Drums

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
Hydrolyzable Chlorine, % Wt	Max. 0.006	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

For further information please visit <http://www.asia-petrochem.com> or send an enquiry to info@asia-petrochem.com

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