

Toluene Diisocyanate (TDI)

PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
EC No.	: 209-544-5
CAS No.	: 584-84-9
Chemical Formula	: C ₉ H ₆ N ₂ O ₂
Molecular Weight	: 174.2 g/mol
Density	: 1.22 g/cm ³
Melting Point	: 21.8 °C
Color	: Colorless to slightly Yellowish
Odor	: Pungent

TECHNICAL QUALITY AND CONDITIONS

Specifications	Unit	Typical Values	Method
Purity	%	99.5 Min	GC
2,4-TDI Content	%	80.0±1.0	ASTM D4660.00
2,6-TDI Content	%	20.0±1.0	ASTM D4660.00
Total Acidity	ppm	40 Max	ASTM D5629.05
Hydrolysable Chlorine	ppm	100 Max	ASTM D4663.98
Color	APHA	25 Max	ASTM D134877.04
Nitro Isocyanate Compounds	ppm	30 Max	H900.5800

Above specific properties and specifications present approximate values and contain general information.