



SABIC® ISOCYANATE TDI 0380

TDI BASED ISOCYANATE COMPOUND

DESCRIPTION

SABIC® TDI 0380 is an 80:20 mixture of 2, 4 and 2, 6 isomers of toluene diisocyanate (TDI), difunctional isocyanate widely used in flexible foam application.

TYPICAL APPLICATIONS

SABIC® TDI 0380 may be applied to automotive seating, furniture cushioning, mattress cushioning and specialty foam applications. It is also used as a reactive intermediate in coatings, adhesives, sealants and prepolymers applications. It processes well on all type of foam machinery and can be used with or without auxiliary blowing agents to produce a wide range of foam grades ranging from low to high density.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
PROPERTIES ⁽¹⁾			
Acid			
Acidity as HCl (HOT)	≤40	ppm	ASTM D5629
Color			
Color, APHA	≤15		ASTM D5386
Purity			
Assay, Iso content	≥99,5	Wt. %	SABIC method
Hydrolysable chloride	≤80	ppm	ASTM D4663
Isomer content - 2, 4 isomer	79 – 81,5	Wt. %	ASTM D4660
Isomer content - 2, 6 isomer	18,5 – 21	Wt. %	ASTM D4660

(1) : Typical values; not to be construed as specification limit