## **Darwin Chemical Company**

600 N Pine Island Road Plantation FL 33324-1311



## **Isophorone Diisocyanate**

## **Toluene Di-Isocyanate 80/20**

Catalog Nr. Q395

**Definition** Isophorone Diisocyanate is a monomeric cycloaliphatic diisocyanate. It is also known

as 3-isocyanatomethyl-3, 5,5-trimethylcyclohexyl isocyanate or IPDI. Colorless to slightly yellow liquid. Completely miscible with esters, ketones, ethers, and aromatic

and aliphatic hydrocarbons.

**CAS Number** 4098-71-9

Application Isophorone Diisocyanate is useful in coatings for automotive, flooring, roofing,

maintenance, and textile applications as well as in cast elastomers, potting and encapsulation com-pounds, optical products, adhesives, and sealants and as

crosslinkers for powder coatings.

Technical	Property	<u>Value</u>
Data	Assay, (GC)%	99.5 min
	NCO content, (GC)%	37.5 min
	Color, APHA	30 max
	Hydrolyzable chlorides, ppm	200 max
	Weight per gallon, lb., @ 25°C.	8.84
	Flash point	311°F(155°C)
	Specific gravity @ 25°C, g/cm³	1.06
	Total chlorides, ppm	400 max
	Viscosity @ 25°C, mPas	10

Packaging & Handling

250 kg drums/ 20 MT per FCL

UN Number 2290 Class 6.1 Packaging Group 3

**Remarks** Warning! Please read MSDS before handling this product.

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