



Technical Data Sheet

DUMANATE HDT 90 N

Aliphatic HDI Trimer Polyisocyanate

Primary Usages

High solid 2K PU coatings and varnishes,
Exterior protective coatings for automotive OEM,
Car repair, industrial machinery, plastic parts

Packaging

Net 225 Kg in Steel Drum

Product Features

Excellent outdoor durability,
Excellent mechanical properties,
Outstanding resistance to solvents,
Excellent resistance to abrasion and chemicals

Technical Specifications

Test	Range
NCO Content (%)	19,8
Solid Content (%)	89 - 91
Viscosity (23°C, mPa.s)	400 - 700
Color (Hazen)	≤ 40
Monomeric HDI (%)	< 0,2
Density (gr/cm3)	1,13

Dilutability

Esters	Complete
Ketones	Complete
Xylene	Complete
Toluene	Complete
Aromatic Hydrocarbons	Complete

Composition

Solvent Composition	Butyl Acetate / Solvent Naphtha
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Compatibility

Aliphatic polyisocyanates	Complete
Polyester polyols	Complete
Aromatic polyisocyanates	Complete
Polyacrylates	Complete

Storage and Shelf Life Condition

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5-30 °C. Exposure to direct sunlight should be avoided.
The shelf life of the resin which under the mentioned storage conditions is 12 months.

Material Safety

A Material Safety Data Sheet for this product is available on request.

The information in this data sheet is to the best of our knowledge correct at the date of printing. They merely serve the purpose of informing our customers and do not relieve them from examining themselves the suitability of the described products for the intended purpose. Since conditions of the application are beyond our control, no liability can be accepted on the basis of this data sheet.