



DUMAN

Technical Data Sheet

DUMAPOL 65 85 X

Saturated Polyester Resin

Primary Usages

Topcoats for automotive OEM,
Stoving enamels for metal,
Metallic basecoats,
Industrial paints and varnishes

Packaging

Net 200 Kg in Steel Drum
Net 1.000 Kg in IBC
Bulk

Product Features

High hardness,
Very good adhesion and flexibility,
Good pigment wetting,
Excellent weathering properties

Technical Specifications

Test	Range
Solid Content (%)	63 - 67
Viscosity (Brookfield 25°C, cP)	600 - 1600
Color (Gardner, %50)	Max. 3
Acid Value (mg KOH/g)	Max. 23
OH Value (on Solid)	2,10 - 2,55
Molecular Weight (gr/mol)	6500 - 8500
Tg' (°C)	6 - 10
Density (gr/cm ³ , 20°C)	1,06

Dilutability

Toluene	Complete
Xylene	Complete
Acetone	Complete
White Spirit	Insoluble
Terebentine	Insoluble

Composition

Solvent Composition	Xylene
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Compatibility

CAB	Complete
Urea/HMMM resin	Complete
Melamine	Complete
Benzoguanamine	Complete
Aliphatic polyisocyanate	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.

Recommended Dryer Combinations

Melamine Resins	70:30
Melamine Resins	60:40
(calculated on solids)	

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.