

# GALSTAFF MULTIRESINE

SPECIALITY RESINS AND AUXILIARIES

Data Sheet

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## ITALESTER MX 453 Saturated polyester for “soft touch” PU coatings

### CHARACTERISTICS (INTERNAL METHODS)

• Appearance	Clear
• Gardner Colour	max 2
• Acid value	max 8 mg KOH/g
• Gardner Viscosity, at 25°C	Z3 – Z5
• Brookfield Viscosity, at 25°C	5000 – 9000 mPa.s
• (*) % OH	3,3 %
• (*) Solid content	100 %

(\*) not mentioned in the COA

### APPLICATIONS

ITALESTER MX 453 is a hydroxylated polyester with excellent scratch resistance for “soft touch” PU coatings for mobile-phones, automotive, toys, small appliances, furniture.

In order to have the best results, ITALESTER MX 453 has to be crosslinked with aliphatic isocyanates, like URONAL NL or NL100, or with aliphatic trimers with approx 90% of solid content.

ITALESTER MX 453-based coatings can be directly applied on PC, PVC, ABS; for other plastic types, the use of an adhesion primer is needed.

### COMPATIBILITY/SOLUBILITY

ITALESTER MX 453 has a wide compatibility, therefore preliminary tests are recommended.

ITALESTER MX 453 is soluble in aromatics, ketones and partially in esters; it is insoluble in aliphatics.

However, due to the huge number of potential partners, preliminary tests are recommended.

### SHELF LIFE AND STORAGE

ITALESTER MX 453 has a shelf life of 12 months from the production date if stored in original sealed container in protected areas.

For all information related to handling and toxicological knowledge, please refer to the Safety Data Sheet.

**galstaff**

QUALIFYING  
5  
YEARS  
COATINGS

**MR**

The above mentioned data are issued according to our best knowledge and expertise yet they are provided without guarantee.

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