

IZELPOL 23X65

PRODUCT DESCRIPTION

Branched polyester resin, intended for stoving enamels for metal with high hardness

High hardness, very good adhesion and flexibility, good chemical and water resistance, good compatibility with CAB and good pigment wetting

APPLICATION

Metallic basecoats and solid colour topcoats for automotive OEM
Stoving enamels for metal with high hardness and can be crosslinked with higher-reactive melamine resins in ratio from 70:30 to 60:40 (calculated on solids)

COMPATIBILITY

Urea/HMMM resins	Compatible
Melamine	Compatible
Benzoguanamine	Compatible
Polyisocyanate resins	Compatible

CAN BE APPLIED OVER

Cleaned, sanded and primer metal surfaces

Metallic basecoats and solid colour topcoats for automotive OEM

STORAGE & SHELF LIFE

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 under the mentioned storage conditions is 1 year.

DELIVERY FORM

IBC - 1000 kg
Barrel - 200 kg
Bulk

MATERIAL SAFETY

SDS for this product is available on request

TECHNICAL SPECIFICATIONS

Property	Value	Unit	Test Method
Solvent Type	Xylene	-	-
Solid content	63-67	%	TS EN ISO 3251
Viscosity (Brookfield 25°C)	600-1600	cP	TS 6126 EN ISO 2555
Acid value	Max 23	mg KOH/g	TS 2366 EN ISO 2114
Colour	Max 3	Gardner	TS EN ISO 4630
Hydroxyl value	70-85	mg KOH/g	IZEL KİMYA TEST METHODU
Molecular weight	6500-8500	gr/mol	IZEL KİMYA TEST METHODU
Tg	6-10	°C	ASTM D 7028-7
Density (20 °C)	1,04-1,08	gr/cm ³	TS EN ISO 2811-1

SOLUBILITY

White Spirit	Insoluble
Terebentine	Insoluble
Xylene	Soluble
Toluene	Soluble
Acetone	Soluble

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