

# erco<sup>®</sup> E-7

- Unsaturated Polyester Resin
- Orthophatalic,medium reactive,water resistant, fiber type resin
- For auto body parts, storage tanks, any fiberglas reinforced general use applications

## **Characteristic of the liquid resin**

Acid Value	mg KOH/g.	25-27	DIN 53402
Viscosity ,20 °C, Brookfield RVT	mPas	550-650	ASTMD 2196
Colour		1-2	ASTMD 1544
Volalite content	%	35-39	DIN EN ISO 3251
Shelf life in dark at room temp.	month	6	ECE 95/2
Gell time at 20 °C (100 g. Resin+0,2g.Co-6%+2g. MEKP-50 %)	min	5-7	ECE 95/1
Time to peak	min	16-20	
Peak exotherm	°C	180-190	

## **Cured resin properties**

Tensile strength	N/mm <sup>2</sup>	40-45	DIN 53455
Flexural strength	N/mm <sup>2</sup>	68-75	DIN 53452
Elongation at break	%	2,4-2,6	DIN 53455
Impact strength	kJ /m <sup>2</sup>	2,7-2,8	DIN 53453
Hardness		60-65	Barcol 934-1
HDT	°C	68-72	ISO 75 A

The foregoing details are given to the best of our knowledge,however,without any obligation.

### **ECE BOYA KİMYA SAN. VE TİC.LTD.ŞTİ.**

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