

DEPOL X-230 A is a low-reactive, pre-accelerated, unsaturated, non-thixotropic, orthophtalic and terephtalic acid based polyester resin of medium viscosity.

1. BASIC CHARACTERISTICS AND APPLICATION AREA

Due to its good mechanical, thermal and electric properties and also weather resistance it is commonly used in polymer-concrete production, provides composition with high fill rate.

Working with resin requires room temperature and using of accelerator-hardener system (cobalt octoate – MEKP).

2. RESIN DELIVERY CHARACTERISTICS

Properties	Unit	Value	Method
1. Appearance		Slight opalescence without mechanical impurities	Visual
2. Non-volatile-matter content	%	60±2	GOST P 52487 and p. 4.4. of Technical Specification
3. Viscosity 20°C; VZ2,4,6/4	sec	90-140	GOST 8420
4. Acid value	mgKOH/g	20-25	ISO 3682
5. Density 20°C	g/cm ³	1,1±0,05	GOST 18329 and p. 4.3 of Technical Specification
6. Gel time: 2% of Butanox M50	minutes	18-25	GOST 22181 and p. 4.5 of Technical Specification
7. Flash point	°C	31	ISO 3679

3. CURING CHARACTERISTICS OF RESIN

Gel time 20°C (method: Dugalak)		
Co-octoate (1%)	MEKP (50%)	
1%	2%	12-15 min
2%	3%	7-12 min
Curing 80°C with 2% of BP 50 (method: ISO R / 584)		65°C-90°C=6-8 min 65°C-Tmax=9-10 min Tmax=119°C

www.dugalak.com

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4. STANDARD PACKAGING

220 kg two-plugs metal barrels, 1000 kg IBC.

5. STORAGE

Shelf life 6 months
Storage conditions resin should be stored indoors at 25°C or below in its original packaging, it should be kept away from direct sunlight

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