

DEPOL H-400

Middle reactive, non-promoted, non-thixotropic, unsaturated isophthalic based polyester resin.

1. MAIN CHARACTERISTICS AND AREA OF APPLICATION

Thanks to its good mechanical, thermal and electrical properties, as well as stability towards atmospheric impact finds its application:

- in production of fuel storage facilities
- in production of reservoirs and pipes in any production where aggressive environment can appear (sewage pipes, pipes for sewage pumping stations, and for drinkable water).

Handle the resin at room temperature using the accelerator-hardener system (cobalt octoate - MEKP).

2. CHARACTERISTICS IN DELIVERY FORM

Properties	Unit of measurement	Indicator	Method
1. Appearance		Transparent liquid without mechanical additives	Visual
2. Solid matters content	%	60±2	ISO 1515
3. Brookfield viscosity 2/12 at 23°C	mPa*s	380-420	ISO 2431
4. Acid number	mgKOH/g	15-25	ISO 3682
5. Density at 20°C	g/cm ³	1,1±0,05	ISO 2811
6. Gel time: 2g 50% MEKP 1g 1% Co-naphtenate	min	15-20	ISO 2535-74
7. Flash point	°C	31	ISO 3679

3. CURING RESIN CHARACTERISTICS

Gel time at 20°C (method: DUGA 7210)		
Co-naphtenate (1%) 1%	MEKP (50%) 1%	9-16 min
Curing at 80°C with 2% BP 50 (method: ISO R / 584)		65°C - 90°C = 6-8 min 65°C - Tmax = 8-10 min

	Tmax = 225°C
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4. STANDARD PACKAGING

220kg steel/tin drums, with two plugs
IBC containers 1000 litres

5. STORAGE

Shelf life: 6 months

Storage conditions: in original packaging, stored indoors, not exposed to direct sunlight, at the temperature below 25°C.

DUGALAK LLC Yaroslavl, Russian Federation

Moscow office (Export import department)

zpavlovic@dugarus.ru +7499 124 09 12

www.dugalak.ru

