

Chemical / physical nature:

UP - 720 is an Orthophthalic unsaturated polyester resin with medium reactivity and suitable viscosity for produce artificial stone by Breton Stone technology.

Major application:

The UP-720 is intended for production of artificial stone and marble stone that produce by Bertan technology.

Stability:

Under the above mentioned storage condition the stability of UP - 720 will be 4 month ex work.

Storage:

UP - 720 should be storage indoors in original Unopened and undamaged containers in a dry place at storage temperature under 25 °C. Exposure to sunlight should be avoided



Technical information:

Specific	Amount	Unit	Standard
Solvent	Styrene		
Appearance	Viscos liquid		
Solid content	65+ 2	Percent	ISO 3251
Acid Value	Max: 25	mg KOH/g	ISO 2114
Viscosity of SMC,BMC resin	450-600	CPS	ISO 2555
Density	1.12 + 0.5%	g/cm3	ISO 1676
Gel time*	5-9	min	*
Exothermic Peak	195 - 230	°C	*
Exothermic time	8 - 15	Min	*

* 100 gr resin UP - 720 with 0.2 gr cobalt octoate 6% metal and 2 gr TBPB (Trigonox 93) in water bath at 80°C.

Properties of cast resin :

Specific	Amount	Unit	Standard
HOT	50 + 2	°C	ISO 75
Hardness	40 min	Barcol	ASTM D 2583

*100 gr resin with cobalt octoate 1% metal 1% and MEKP : 1% Post cure: 24 hour at room temperature and 2 hour at 80 °C.