ES-4303
Unfilled Acrylic Baking Type Polyester

DESCRIPTION AND BASIC PROPERTIES

ES-4303 is an orthophthalic based, thixotropic unsaturated polyester resin that contains pigment. In the production of sanitary acrylic materials, it is applied by spraying on the back of acrylic material as a booster. It provides excellent adhesion to the thermoplastic acrylic sanitary materials. Designed for spray-up acrylic backing application to reinforce acrylic shells of bathroom products including bath tubs, shower bases, trays and whirlpool baths

STORAGE CONDITIONS

It should be stored in a dry, clean and cool place (15-25 ° C) in closed packages. The shelf life of the product is valid for this temperature range and it should not be forgotten that it will shorten at high temperatures. Products with the same charge number and date must be stored together.

Another factor that affects the life of unsaturated polyester resins containing styrene is sunlight. Styrene must be polymerized in the sunlight and products that are considered to shorten the life of the product should be avoided from direct sunlight contact.

MORE INFORMATION

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All the information provided in this data sheet is believed to be true and accurate but no guarantee and warranty is provided for mechanical & liquid composition. ESKIM A.S. does not take responsibility for any inadequacies that may occur due to improper storage, handling and / or application.

APPLICATION METHODS	CHEMICAL STRUCTURE
Spray-up	Acid: Orthophthalic Acceleration: Yes

PROPERTIES OF LIQUID FORM

	UNIT	VALUE	METHOD
Appearance	-	Light Blue	-
Viscosity[1]	cp	2900±500 (5 rpm)	ISO 2555
		900±200 (50 rpm)	
Monomer Content	%	37 ± 2	ISO 3251
Density	g/cm^3	1.13 ± 0.02	ISO 1675
Gel Time[2]	min	7 ± 3	ISO 2535
Cure Time[2]	min	13 ± 3	ISO 584
Peak Exotherm[2]	°C	120 ± 5	ISO 584
Shelf Life	month	4	-

[1]Brookfield DV II, 25°C, 4 spd
[2]25°C, 1 ml MEK-P(Butanox M60) for 100 g sample