

POLYLITE® 470-000

DESCRIPTION

POLYLITE® 470-000 is a flexible, unsaturated polyester resin.

POLYLITE® 470-000 is recommended for mixing into rigid types of polyester resins, and the mechanical properties have therefore not been measured.

Classifications: Type 1100 resin according to DIN 16946/2.

TYPICAL PROPERTIES

PHYSICAL DATA IN LIQUID STATE AT 23°C

Properties	Unit	Value	Test method
Viscosity - Brookfield L VF sp.2/12 rpm	mPa·s(cP)	450-600	ASTM D 2196-86
Density	g/cm ³	1.13	ISO 2811-2001
Acid number (max.)	mgKOH/g	21	ISO 2114-1996
Styrene content	% weight	32 ± 2	B070
Colour (Gardner) max.	-	5	-
Gel time: 1.5 % Accelerator 9802 (1% Co.) 1.5% NORPOL® PEROXIDE 1 (MEKP)	minutes	28-35	G020
Storage stability from date of manufacture	months	10	G180

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STORAGE

To ensure maximum stability and maintain optimum resin properties, resins should be stored in closed containers at temperatures below 24°C/75°F and away from heat ignition sources and sunlight. Resin should be warmed to at least 18°C/65°F prior to use in order to assure proper curing and handling. All storage areas and containers should conform to local fire and building codes. Copper or copper containing alloys should be avoided as containers. Store separate from oxidizing materials, peroxides and metal salts. Keep containers closed when not in use. Inventory levels should be kept to a reasonable minimum with first-in, first-out stock rotation.

Additional information on handling and storing unsaturated polyesters is available in Reichhold's application bulletin "Bulk Storage and Handling of Unsaturated Polyester Resins." For information on other Reichhold resins or initiators, contact your sales representative or authorized Reichhold distributor.

SAFETY**READ AND UNDERSTAND THE MATERIAL SAFETY DATA SHEET BEFORE WORKING WITH THIS PRODUCT**

Obtain a copy of the material safety data sheet on this product prior to use. Material safety data sheets are available from your Reichhold sales representative. Such information should be requested from suppliers of all products and understood prior to working with their materials.

DIRECTLY MIXING ANY ORGANIC PEROXIDE WITH A METAL SOAP, AMINE, OR OTHER POLYMERIZATION ACCELERATOR OR PROMOTER WILL RESULT IN VIOLENT DECOMPOSITION