

NORPOL GELCOAT NGA 100

DESCRIPTION

NORPOL NGA 100 is a clear, high-quality gelcoat based on isophthalic/neopentylglycol polyester resin.

NORPOL NGA 100 is easy to apply and handle.

NORPOL NGA 100 is especially well suited for products exposed to water and less aggressive chemicals at varying temperatures.

Products manufactured in conformity with ANSI Z 124.1-1974 with NORPOL NGA gelcoat will be able to meet the quality requirements of the "American Standard for Plastic Bathtub Units".

NORPOL NGA 100 is approved for boat production by Det norske Veritas and Lloyds Register of Shipping.

Recommended peroxide dosage: 1.3 - 2.0%

Recommended film thickness: 0.55-0.85 mm (wet film)

PHYSICAL DATA IN LIQUID STATE AT 23°C

Properties	Spray quality	Hand quality	Unit	Test method
Viscosity				
- Brookfield RVF sp.4/4 rpm	7000-13000	13000-19000	mPa·s(cP)	ASTM D 2196-86
- Cone & Plate	220-300	750-900	mPa·s(cP)	ISO 2884-74
Density	1.1-1.2	1.1-1.2	g/cm ³	ISO 2811-74
Flash point	26	26	°C	ASTM D 3278-95
Geltime: 1.5% NORPOL No.1 (MEKP)	6-20	10-25	minutes	G020
Storage stability from date of production	6	6	months	-

MECHANICAL/PHYSICAL DATA FOR THE GELCOAT'S BASE POLYESTER RESIN IN CURED STATE

Properties	Value	Unit	Test method
Tensile strength	min. 65	MPa	ISO 527-1/2-93
Tensile modulus	min. 3000	MPa	ISO 527-1/2-93
Tensile elongation	min. 3.0	%	ISO 527-1/2-93
Heat distortion temp.	min. 90	°C	ISO 75-1/2-93
Hardness Barcol	min. 40	-	ASTM D 2583-87
Water absorption	max. 65	mg/ testpiece	Det norske Veritas 1981

The information herein is to help customers determine whether this product is suitable for their applications. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before using them to satisfy themselves as to contents and suitability. We warrant that our products will meet our written specifications. Nothing herein shall constitute any other warranty expressed or implied, including any warranty of merchantability or fitness for a particular purpose, nor is protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials, and in no event shall we be liable for special, incidental, or consequential damages.

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