

SWANCOR 933-TP

ISO UP Resin for Laminating uses



Product Description

Swancor 933-TP is a low viscosity and medium reactivity of ISO grade unsaturated polyester resin. It is a promoted, thixotropic, non-wax type resin intended for laminating at room temperature. It is easy to release bubble, quick to get cured, good weather resistance, chemical resistance and heat resistance, particularly suitable for laminating of fishing boat, yacht, open mold fabrications, etc.

Applications

- Fishing boat
- Yacht
- Open mold fabrications

Typical properties of liquid resin

Property	Unit	Specification	Test Method
Appearance	--	Purple Red	
Viscosity @25 °C	cps	500±50	CNS-9716
Gel Time	Min	38±4	K6731
Solid Content	%	55±2	
Thixotropic Index @25 °C 6rpm/60rpm	--	3.0±0.4	
Gravity	g/cm ³	1.09±0.02	
Stability Dark @25 °C	Month	3	

1. Cure condition: MEKPO –1.0%
2. Tests are based on CNS-9716, K6731
3. Viscosity and gel time are adjustable upon request.

Typical clear casting properties of cured resin

Property	Unit	Specification	Test Method
Tensile Strength	Kg/mm ³	6-7	ASTM D638
Tensile Modulus	Kg/mm ³	250-300	ASTM D638
Tensile Elongation	%	1.5-2.0	ASTM D638
Flexural Strength	Kg/mm ³	11-13	ASTM D790
Flexural Modulus	Kg/mm ³	300-350	ASTM D790
HDT	°C	80-90	ASTM D648
Shrinkage	%	7.0-9.0	ASTM D2566
Barcol Hardness		35-43	ASTM D2583

The data presented herein are believed to be accurate and reliable. We require customers to inspect and test our product before use and to satisfy themselves as to contents and suitability for their specific applications. Information herein is to assist customers in determining whether our products are suitable for their applications but not to be taken as a guarantee, express warranty or implied warranty of merchantability or fitness for particular purpose, nor is any protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is limited to replacement of our material and in no event shall we be liable for special, incidental or consequential damages.

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Package

220Kgs/drum.

Notes:

Shelf life of Swancor 933-TP is 3 month (Thixotropic & Pre-promoted) at 25 °C storage. Storage time will be shortened with elevating temperature. To avoid heat like sun shine and hot steam and to avoid moisture, water and stain from dropping into resin are required. Drum must be sealed up to guarantee the quality.

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SWANCOR IND. CO., LTD.

No. 9 Industry South 6 Road, Nantou City 54066, Taiwan
Tel: +886 49 225 5420 Fax: +886 49 225 1534
E-mail: nantou@swancor.com.tw
www.swancor.com