Sirca
Industria resine e vernici

AZIENDA CON SISTEMA DI GESTIONE QUALITÀ CERTIFICATO DA DNV
= ISO 9001 =

Technogel

TECHNICAL DATA SHEET

H02E9010PP

Gelcoat white 9010, pre-promoted with paraffin based on isophtalic resins, for brush application. Particularly suitable for the production of handwork where a good weather resistance,low yellowing with minimal gloss reduction and excellent osmotical resistence are required.

Chemical-physics characteristics of liquid product

PROPERTY	TYPICAL VALUE	UNITS	METHOD
ASPECT	White liquid	--	--
VISCOSITY (at 25 °C)			
ASPO N°5 2 rpm	66.000	mPa.s	I.O.801
20 rpm	11.000	mPa.s	I.O.801
THIX INDEX	7,0		I.O.802
GEL TIME (at 25 °C)*	12	minutes	I.O.803
DENSITY (at 25°C)	1,25	g/cm³	I.O.805
STORAGE STABILITY **	3	months	

*** Gelcoat 200 g. + 2% MEKP50.**
**** Gelcoat must be stored in the original containers, sealed, not damaged, in dry place and at a temperature between 5°C and 25°C.**
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Mechanical properties of cured gelcoat ***

PROPERTY	TYPICAL VALUE	UNITS	METHOD
HDT	90	°C	ASTM D 648
TENSILE ELONGATION	2,5	%	ASTM D 638
BARCOL HARDNESS	50	---	ASTM D 2583

***** Catalysis: gelcoat 100 gr + 1,50 g MEKP50 24 h at RT + 2 h at 100°C**

To obtain the best results, is reccomended to work:
1) at a temperature between 15°C and 28°C
2) add 1%-2% of mekp50
3) apply a thickness between 500 and 700 micron

REV.1:30/07/12

The information contained in this datasheet is based on laboratory data and our experience. Gel time and rheological properties may change because of reactive nature of material. We believe this information to be reliable, however we cannot guarantee its applicability in your process. We decline all responsibility for events that may arise as a consequence of improper use of the product.
By accepting the products described herein, the user accepts the responsibility to thoroughly test any application before commencing production.
Our advice should not be taken as encouragement to breach any patent, law, safety code or insurance regulation.

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