Industria resine e vernici

AZIENDA CON SISTEMA DI GESTIONE QUALITÀ CERTIFICATO DA DNV
ISO 9001

Technogel

TECHNICAL DATA SHEET

H02E0002PP

Neutral gelcoat, paraffined and pre-accelerated, based on isophtalic resins, for brush application.
It is particularly suitable for the production of manufactures where a good wheatering resistance, a low yellowing, and a low gloss reduction are required.

Chemical-physics characteristics of liquid product

PROPERTY	TYPICAL VALUE	UNIT	METHOD
ASPECT	pink liquid	--	--
VISCOSITY (at 25 °C)			
ASPO N°5 2 rpm	84.000	mPa.s	I.O.801
20 rpm	12.000	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)	1,20	g/cm³	I.O.805
STORAGE STABILITY **	3	month	

*** 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.**

Mechanical properties of cured gelcoat ***

PROPERTY	TYPICAL VALUE	UNIT	METHOD
HDT	85	°C	ASTM D 648
TENSILE ELONGATION	1,5	%	ASTM D 638
BARCOL HARDNESS	45	---	ASTM D 2583

***** Catalysis: gelcoat 100 gr + 1,50 g MEKP50**

To obtain the best results, is recommended 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

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