

CHROMOPLAST GP2000/9W

CHROMOPLAST GP2000/9S

Spray up and hand lay up

Introduction

- Unsaturated polyester resin based on orthophthalic resin and standard glycols
- Preaccelerated, thixotropic, contains blue indicator
- Chromoplast GP2000/9S is summer version with longer gel time

Applications

- General purpose resin for production of laminate. Suitable for spray up and hand lay up.

Characteristics of the liquid resin

Acid value	mg KOH/g	17-24	DIN 53402
Brookfield RVT/25⁰ C			
sp.2/5rpm	m Pa s	1300-1700	ASTM D 2196
sp.2/50rpm		450-600	
Apperance	-	Blue/greenish	CTS 95/3
Volatile content	%	40-45	DIN EN ISO 3251
Shelf life in dark /25⁰ C	month	3	CTS 95/2
Gel time@25⁰ C of			
Chromoplast GP200/9W		22-28	
Gel time@25⁰ C of			
Chromoplast GP200/9s	min	33-37	
(100 g resin + 1% MEKP			CTS 95/1
50%)			

Cured resin properties

Tensile strength	N/mm ²	50	DIN 53455
Tensile Modulus	N/mm ²	3800	DIN 53455
Elongation at break	%	1,5	DIN 53455
Volumetric Shrinkage	%	8,3	
Hardness		42	Barcol 934-1
HDT	°C	67	ISO 75 A
Water absorption 24 hours at	mg	15	ISO 65
23°C			

Storage

Chromoplast GP2000/9W should be stored in the dark in suitable closed containers. It is recommended that the storage temperature should be less than 23°C where possible, but should not exceed 30°C.

Health and Safety

Please see separate Safety Data Sheet

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