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## TECHNICAL INFORMATION

### HAVELPOL 2

- U.P. resin
- orthophthalic, medium reactive, water resistant resin
- preaccelerated, high thixotropic, low viscosity with blue indicator
- very low styrene emission
- for hand and lay up

#### Characteristic of resin

Appearance	-	<b>bluish-green,thix</b>	CTS 95/3
Acid Value	mg KOH/g	<b>17-24</b>	DIN 53402
Viscosity,Brookfield RVT/25 <sup>0</sup> C			
summer version (01.06-01.10)	m Pa s	<b>1000-1400</b>	ASTM D 2196
sp.2/5rpm		<b>350-500</b>	
sp.2/50rpm			
Thix. index		<b>min.2,8</b>	ASTM D 2196
winter version (01.10-01.06.)			
sp.2/5rpm	m Pa s	<b>700-1100</b>	
sp.2/50rpm		<b>300-450</b>	
Thix. index		<b>min.2,5</b>	
Volatile content	%	<b>40-45</b>	DIN EN ISO 3251
Shelf life in dark /25 <sup>0</sup> C	month	<b>3</b>	CTS 95/2
Geltime at 25 <sup>0</sup> C			
( 100 g resin + 1% MEKP 50%)	min	<b>22-28</b>	CTS 95/1

#### Cured resin properties

Tensile strength	N/mm <sup>2</sup>	<b>50</b>	DIN 53455
Tensile Modulus	N/mm <sup>2</sup>	<b>3800</b>	DIN 53455
Elongation at break	%	<b>1,5</b>	DIN 53455
Volumetric Shrinkage	%	<b>8,3</b>	
Hardness		<b>42</b>	Barcol 934-1
HDT	<sup>0</sup> C	<b>67</b>	ISO 75 A
Water Absorption 24 hours at 23 <sup>0</sup> C	mg	<b>15</b>	ISO 65