

Clear coatings based on WorléeSol E 280 W, VOC ≤ 1 g/l

Formulation	Raw Material	Supplier	A	B
			glossy % by wt	mat % by wt
	WorléeSol E 280 W	(1)	98.8	95.3
	Defoamer		0.3	0.5
	Borchi® Gol LA 2	(2)	0.2	0.5
	Ceraflour 920	(3)	—	3.0
	Borchi® Gel 0434	(2)	0.7	0.7
	<i>Total</i>		<i>100.0</i>	<i>100.0</i>

Remark

Store at temperatures between 5 and 25 °C

Technical Data

		Method	A	B
			glossy	mat
pH-value		DIN 53875	7.2	7.1
Solids content	(%)	1.5 h at 110 °C	38.12	40.30
VOC - content	(g/l)	DIN EN ISO 11890-1	0.62	0.53
Viscosity Brookfield	mPas)	Spindle 4 / 20 rpm; 20 °C	4650	5100
Viscosity Krebs-Stormer	(KU)	200 rpm; 20 °C	123	136
Viscosity ICI	(Poise)	10000 1/s (Rheostress RS1)	1.3	1.9
Density	(g/cm ³)	20 °C	1.04	1.05
Gloss Gardner (20°/ 60° angle)		20°/ 60° angle (100 µm wet film thickness on ABS)	86/91	8.5/16.6
Drying time	(h)	Drying Recorder; 23 °C (100 µm wet film thickness on glass)	< 0.5	< 0.5
Hardness (after 1day / 7 days)	(s)	(König) DIN EN ISO 1522 (100 µm wet film thickness on glass)	35/37	36/38

Suppliers

- (1) Worlée (www.worlee.de)
- (2) Borchers (www.borchers.com)
- (3) BYK Additives (www.byk.com)

Updated: 25.01.2016

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