

White glossy dispersion lacquer, based on Alberdingk AC 2523

Formulation	Raw Material	Supplier	A	B
			VOC ≤ 1g/l % by wt.	VOC < 30g/l % by wt.
	Alberdingk AC 2523	(1)	60.0	59.0
	Defoamer		0.5	0.5
	1,2-Propylene glycol		—	3.0
	Water		7.0	10.2
	Pigmentpaste white*		30.0	25.0
	Borchi® Gol LA 2	(2)	0.3	—
	Borchi® Gol LA 50	(2)	—	0.3
	Borchi® Gel 0434	(2)	2.2	2.0
	Total		100.0	100.0

*Pigmentpaste formulation:		A	B
	Water	17.5	17.5
	Dispersion agent	7.5	5.8
	Kronos 2360	(3) 75.0	76.7
	Total	100.0	100.0
Dispersion: 30 min. in Dissolver			

Data		A	B
		pH-value	8
Viscosity Brookfield	Spindle 4 / 20 rpm; 20 °C	4700 mPas	4400 mPas
Viscosity Krebs-Stormer	200 rpm; 20 °C	120 KU	118 KU
Viscosity ICI	10.000 1/s	2.2 Poise	1.7 Poise
Density	20 °C	1.24 g/cm ³	1.20 g/cm ³
Gloss Gardner	20°/ 60° angle; (100 µm wet film thickness on glass)	62 / 85	60 / 83
Solids content	1.5 h / 110 °C	ap. 54 %	ap. 50 %
VOC-content	DIN EN ISO 11890-1	< 1 g/l	28 g/l

Suppliers

- (1) Alberdingk Boley (www.alberdingk-boley.de)
- (2) Borchers (www.borchers.com)
- (3) Kronos Titan (www.kronostio2.com)

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