

Universal pigment concentrates based on organic yellow pigments

Pigment paste		A	B	C	D
Colour index		P.Y. 138	P.Y. 83	P.Y.74	P.Y.65
Pigment Trade Name		Paliotol Yellow L0962 HD (1)	Novoperm Yellow HR (2)	Solfort Yellow 5G Gran (3)	Solfort Yellow HR Gran (3)
Pigment		40.0	32.0	45.0	40.0
Borchi® Gen DFN	(4)	5.0	7.0	—	—
Borchi® Gen 0650	(4)	—	—	6.5	5.7
Borchi® Gol LA 200	(4)	—	0.3	—	—
Water / Polyglycol 200 (1.5 / 1)	(2)	—	—	48.5	53.8
Water / Polyglycol 200 (3 / 1)	(2)	55.0	60.7	—	—
Defoamer		—	—	—	0.5
<i>Total</i>		<i>100.0</i>	<i>100.0</i>	<i>100.0</i>	<i>100.0</i>
Dosage of additive active content based on pigment content		12.5 %	21.9 %	14.4 %	14.2 %

All values are given as supply form (in % by wt).

Dispersion: 60 min, on Skandex Shaker, with 1.5 times Zr-silicate grinding beads (2mm)

Data

Particle size (using Grindometer)	< 10 µm
Viscosity (at shear rate 100 s ⁻¹ ; 23 °C)	free-flowing: 2000 - 2600 mPa·s
Storage stability (2 weeks at 50 °C)	stable (no significant alteration of particle size and colour strength)

Suppliers

- (1) BASF (www.basf.com)
- (2) Clariant (www.clariant.com)
- (3) Lanxess (www.lanxess.com)
- (4) Borchers (www.borchers.com)

Updated: 25.01.2016

Borchers GmbH

Berghausener Str. 100 / 40764 Langenfeld / Telephone: +49 (0) 2173 – 39 26 666
 Fax: +49 (0) 2173 – 39 26 999 / Internet: www.borchers.com / E-Mail: info.info@borchers.com

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