

## Aqueous black pigment concentrates, binder free

Pigment paste (Supplier)	A	B	C	D	E
Colour index	P.BL 7				
Pigment Trade name (1)	Special Black 4	Printex U	Printex 45	Printex 55	Carbon black FW 200
Pigment	24.50	24.50	29.69	26.49	13.07
<b>Borchi® Gen 0851</b> (2)	17.15	17.15	11.88	15.89	20.90
Water	56.35	56.35	56.43	55.62	64.03
<b>Borchers® AF T</b> (2)	2.00	2.00	2.00	2.00	2.00
<i>Total</i>	<i>100.00</i>	<i>100.00</i>	<i>100.00</i>	<i>100.00</i>	<i>100.00</i>
<b>Dosage of additive active content based on pigment content</b>	<b>35 %</b>	<b>35 %</b>	<b>20 %</b>	<b>30 %</b>	<b>80 %</b>

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

**Dispersion:** 60 min, on Skandex BAS-20, with 150 g Zr-Silicate grinding beads (2mm)

### Data

Particle size (using Grindometer)	< 3 µm	< 5 µm	< 7 µm	< 5 µm	< 6 µm
Viscosity (at shear rate 100 s <sup>-1</sup> ; at 23 °C)	50 mPa·s	80 mPa·s	38 mPa·s	36 mPa·s	90 mPa·s
Storage (2 weeks at 50 °C)	no significant alteration of the viscosity and particle size				

### Suppliers

- (1) Orion Engineered Carbons ([www.orioncarbons.com](http://www.orioncarbons.com))
- (2) Borchers Americas ([www.borchers.com](http://www.borchers.com))

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**Borchers Americas, Inc.**

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