

Pigment concentrates

US SF 4.10.

Resin containing carbon black pigment dispersion, based on Special Black 100 and COLOUR BLACK FW 200 using Laropal A 81

Pigment paste	Supplier	A	B
<i>Color index</i>		<i>P.Bl. 7</i>	<i>P.Bl. 7</i>
Pigment Trade name	(1)	Special Black 100	COLOUR BLACK FW 200
Pigment		28.00	14.55
Borchi® Gen 0755	(2)	10.00	11.65
Solvent mixture*		19.00	44.65
Laropal A 81, 60% in MPA	(3)	43.00	29.15
<i>Total</i>		<i>100.00</i>	<i>100.00</i>
Dosage of additive active content based on pigment content		35.7 %	80 %

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

*Solvent mixture = methoxy propyl acetate / butyl acetate

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):	600 mPa·s	100 mPa·s
Storage stability (2 weeks at 50 °C):	stable (no significant alteration of the particle size and color strength)	

Suppliers

- (1) Orion Engineered Carbons (www.orioncarbons.com)
- (2) Borchers Americas (www.borchers.com)
- (3) BASF (www.basf.com)

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