

Pigment concentrates for universal applications, based on Carbon Black FW 200

	Raw Material	Supplier	% By Weight.
Formulation	Borchi® Gen 0451	(1)	12.0
	Methoxy propyl acetate		73.0
	Carbon Black FW 200	(2)	15.0
	<i>Total</i>		<i>100.0</i>
Dispersion: 60 min, on Skandex BAS-20, with 150 g Zr-silicate grinding beads (2mm)			

Remarks For aqueous systems applications can be additionally added butyl glycol.

Data	Particle size (using Grindometer):	ca. 3 µm
	Consistency:	free-flowing
	Viscosity (at shear rate 100 s ⁻¹ ; 23 °C):	750 mPa·s
	Storage (2 weeks at 50 °C):	stable (no significant alteration of the viscosity and particle size)

Testing of pigment paste in Binder formulations:

- Borchers - Formulation RR 5.1. (based on Bayhydrol A 145)

Data	Haze and Gloss, DIN 67530 / ISO 2813	Haze	13
		Gloss Gardner (20° / 60° angle)	65 / 78

- Borchers - Formulation (based on Desmophen 2350)

Data	Haze and Gloss, DIN 67530 / ISO 2813	Haze	10
		Gloss Gardner (20° / 60° angle)	85 / 91

Suppliers

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

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