

Pigment concentrates

US SF 4.8.

Pigment concentrates for universal applications,
based on COLOUR BLACK FW 200

Formulation

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

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) Milliken (www.milliken.com)
- (2) Orion Engineered Carbons (www.orioncarbons.com)

borchers.com/contact

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.