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7 Clayton Road, Birchwood, Warrington, Cheshire, WA3 6QQ, United Kingdom. Borregaard deals with many useful specialty chemicals, lignosulfonates and lignins, as well as binding agents, dispersing agents and aqueous carbon black dispersions, dust suppressants, crystal growth modifier, emulsion stabilisers, rheology control, extrusion aids and retarders.

Aqueous carbon black dispersions contain carbon black and cationic surfactants in addition to water. The aqueous carbon black dispersions are produced by dispersing the carbon black and other components in water with bead mills, ultrasonic mills or an Ultra Turrax mixer. The dispersions can be used to produce inks, lacquers and printing inks.

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Solution Dispersions® Carbon Black Dispersions | ChromaScape

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3D printing of carbon black/polypropylene composites with ...

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Black Shield™ Aqueous Dispersion -

DyStar

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*EMPEROR 1600 and 1200 Carbon Blacks Performance Comparison*

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Carbon transfer printing from pigment to printing ~~Easiest Self-Dispersing Carbon~~

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LED boosters and waterborne UV resins: Solutions for next generation inkjet inks *UP Board English Medium Reduced*

*Syllabus Class 10 Science \u0026 SST 2020-21/NCERT book UP Board Syllabus*

Carbon Black Dispersions For Printing We are committed to delivering technology innovations that enable black and color dispersion solutions for our customers. CAB-O-JET ® 400, 450C, 465M, 470Y and 480M inkjet pigment dispersions are high performance products that offer formulation flexibility for inkjet ink developers. Our products can provide outstanding step-change "on-paper" performance on plain paper in the areas of optical density, paper independence, print durability, intercolor bleed and waterfastness.

As a carbon black dispersant, Borchini ® Gen 0451 is known for providing high jetness, or an enhanced jet black color, in pigments. High jetness is primarily caused by three wetting mechanisms within the solution: hydrogen bonding, polarized groups, and an electron rich body attracted to carbon black and organic pigments.

AURASPERSE ® Carbon Black W-7012. AURASPERSE. Carbon Black W-7012. AURASPERSE Carbon Black W-7012 pigment dispersion enables customers to realize the full benefits of high-quality organic and inorganic colorants in water-based and/or emulsion systems. The high pigment content make it ideally suited for in-plant tinting operations.

Pigments / Dispersions / Dispersions, Carbon Black ...

ChromaScape Solution Dispersions® carbon black dispersions offer color strength and high color stability at low additive consumption. The dispersibility of the products makes them easier to apply and use in end-use paints and

coatings, and they require a low volume of a dispersing agent – reducing cost and waste for the manufacturer.

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#### AURASPERSE® Carbon Black W-7012 | BASF

The aqueous dispersions of a special type of carbon black (CB) in 1 M lithium bis(trifluoromethanesulfonimide) electrolyte is mainly controlled by the affinity of the aqueous electrolyte towards the CB particles rather than the particle size. In spite of its small particle size (30 nm), this type

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#### Aqueous carbon black dispersions - Degussa-Huls AG

COLOUR INDEX NUMBER: Black 7. PRODUCT NAME. Black TF . Highly concentrated carbon black dispersion with excellent fastness properties.

Aquarine: Water based pigment dispersions for textile pigment printing and general purpose applications. TTC is a leading British manufacturer of dyestuffs, pigments and pigment preparations: TTC Ltd

carbon black slurry aqueous dispersion agglomerates water Prior art date 2004-11-25 Legal status (The legal status is an assumption and is not a legal conclusion. Google has not performed a legal analysis and makes no representation as to the accuracy of the status listed.) Active Application number EP20050803427 Other languages German (de ...

Inkjet pigment dispersions are used for desktop and commercial products, as well as custom ink formulations for commercial applications. Our inkjet colorant product line, founded in 1996, is the market leader for aqueous pigment dispersions utilized in the desktop inkjet market. Our exceptional competency in car-

bon black surface modification has underpinned our success, and we continue to leverage decades of fine particle technology expertise to deliver a range of high-performance pigment ...

We can also create a custom carbon black dispersion formula for special ink applications. The Aquablak Plus 9100 series from Solution Dispersions® are high-solids, resinated dispersions designed to allow the ink manufacturer maximum formulating capabilities by providing the highest tinctorial strength. These high-end dispersions are suitable for flexible packaging and tag/label ink systems.

Oil based carbon black dispersions designed for offset printing inks – heatset and sheetfed processes – provided in a variety of tint strengths, shade and performance properties. Showing 1 to 9 of 9 entries

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#### Pigment Dispersions - DyStar

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Carbon Black Dispersant | Dispersing Agent | Borchi® Gen 0451

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Paints and Coatings | ChromaScape

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Inkjet Colorants & Inks - Cabot Corporation

4. Carbon Black Dispersion Carbon properties influence ink performance. For example, the smaller particle size increases blackness, tint, UV protection and absorption, electrical conductivity. The higher structure could reduce blackness and tint, and improve dispersibility. It increases vehicle demand and viscosity as well as electrical conductivity.

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