



**Raven® 1220 Ultra®**

**Fiber Grade  
Carbon Black**



**Raven® 1220 Ultra®**  
Fiber Applications

Columbian Chemicals Company  
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Marietta, GA 30062

**Columbian Chemicals** introduces **Raven® 1220 Ultra®** a 21nm particle size carbon black with structure well suited for fiber applications. The low structure level of this grade allows the user to balance loading capabilities with dispersibility. Other benefits of this new product include, enhanced filterability, long screen life with the 1400 mesh screens associated with fiber applications, and optimum UV protection.

**Columbian Ultra® Carbon Blacks** are high performance carbons that are used in the most demanding applications. Carbon black purity and consistency of performance, always important, are now recognized as being critical to continuing quality improvement. Columbian, committed to improving its quality and meeting the needs of the customers it serves, has developed furnace carbons that are of the highest purity available. These are referred to as our Ultra® carbons.

Ultra® carbon blacks benefit various application systems by providing greater uniformity, increased compatibility, improved dispersion, better processing, longer screen life, and reduced scrap. Columbian's Ultra® performance carbon blacks are designed for use in critical quality products with cost effective benefits.

**Target Applications:** Nylon, polypropylene and polyester fiber

## Typical Properties

	Analyticals
Particle size, nm	21
Nitrogen Surface Area, m <sup>2</sup> /g	124
STSA Surface Area, m <sup>2</sup> /g	112
OAN cc/100g	77



Columbian's Technical Inquiry Team is ready to respond to your applications questions.  
**1-800-235-4003 ext. 9335** e-mail [iteam@phelpsdodge.com](mailto:iteam@phelpsdodge.com)

For samples please call Columbian's Customer Service.  
1-800-U-CARBON (1-800-822-7266).

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