

DuPont™ Capstone™ P-620

OIL AND GREASE REPELLENT FOR
PAPER AND PAPERBOARD

TECHNICAL INFORMATION

Description

DuPont™ Capstone™ P-620 is an aqueous dispersion of a cationic fluorinated polymer. It confers excellent oil and grease repellency to paper and paperboard without changing the feel or appearance. DuPont™ Capstone™ P-620 can be applied internally at the wet end or on the surface of paper or board.

Features

- Manufactured using DuPont patented LX platform products technology which minimizes residual raw materials and impurities
- Targeted below LOD* for PFOA
- Meets the voluntary U.S. EPA 2010/2015 PFOA Stewardship Program targets for PFOA and precursors
- Capstone™ P-620 has been tested by DuPont, to ensure it is safe for its intended use.

Applications

Surface application is preferred over internal addition since this offers wider versatility in equipment and higher efficiency. Surface applications are more easily controlled and are generally less costly. DuPont™ Capstone™ P-620 can be surface applied at the size press, coating station or calender stack.

Regulatory

- TSCA – Pending
- FDA – Pending

*Below the limit of detection for PFOA based on the published analytical method found in the Journal of Chromatography A, 1110 (2006) 117-124: LOD=0.5 ppm: LOQ=2 ppm.



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Product Properties

Appearance	Amber yellow/tan liquid
Chemical structure	Fluorinated acrylic copolymer
Active matter, wt%	19.5 ± 1
Solvent	Water
pH	4–5
Density at 20°C, g/mL	1.06
Solubility	Soluble in aqueous solutions at pH < 5.5. Unstable at pH > 5.5.
Stability	Perishable if stored at or below 0°C (32°F)

Availability

Samples from 4 oz. to drum quantities available only under R&D exemption restrictions.

Storage and Handling

See the Material Safety Data Sheet (MSDS) for product specific information.

DuPont Chemical Solutions Enterprise

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