

DuPont™ Capstone™ P-600

OIL AND GREASE REPELLENT FOR
PAPER AND PAPERBOARD

TECHNICAL INFORMATION

Description

DuPont™ Capstone™ P-600 is an aqueous dispersion of a cationic fluorinated polymer based on short-chain molecules that cannot break down to PFOA in the environment. It confers excellent oil and grease repellency to paper and paperboard without changing the feel or appearance. Capstone™ P-600 can be applied internally at the wet end or on the surface of paper or board.

Features

- Manufactured using DuPont patented LX technology which minimizes residual raw materials and impurities
- Targeted below LOD* for PFOA
- Meets the U.S. EPA 2010/2015 PFOA Stewardship Program targets for PFOA and precursors
- Capstone™ P-600 has been extensively 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. Capstone™ P-600 can be surface applied at the size press, coating station or calender stack.

Regulatory

- BfR Rec. XXXVI - Pending
- GB 9685 - Pending

Product Characteristics

Appearance	Amber yellow/tan liquid
Chemical structure	Fluorinated acrylic copolymer
Type	Cationic
Active matter, wt%	19.0–20.0
Solvent	Dispersible in water
pH of 1% solution	4–5
Stability	Perishable if stored at or below 0°C (32°F)

* 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.

Storage and Handling

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

DuPont Chemical Solutions Enterprise

Customer Service Center Americas

Barley Mill Plaza, Bldg. 23
Wilmington, DE 19898
866-828-7009

Customer Service Center Europe/Middle East/Africa

DuPont de Nemours (France) S.A.S.
Defense Plaza
23/25, rue Delariviere
La Defense 9
92064 - La Defense Cedex
+01 41 97 44 00
Fax +01 72 74 36 77

Customer Service Center Asia Pacific

DuPont China
Unit 1101, China World Tower 2,
No. 1 Jianguomen Wai Ave.
Beijing 100004
86-139-1006-2643
Fax 86-139-1006-2643

www.capstone.dupont.com



The miracles of science™

The information set forth herein is furnished free of charge and based on technical data that DuPont believes to be reliable. It is intended for use by persons having technical skill, at their own risk. Because conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be taken as license to operate under or a recommendation to infringe any patents.

Copyright © 2009 DuPont. The DuPont Oval Logo, DuPont™, The miracles of science™, and Capstone™ are registered trademarks or trademarks of E.I. du Pont de Nemours and Company or its affiliates. All rights reserved.

K-22634 (6/09) Printed in the U.S.A.