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ILLINGTM
P A C K A G I N G

Product Specification Sheet

Illing Part#

3624F

63MM WHITE PP CR SQUEEZE & TURN FOAM LNR

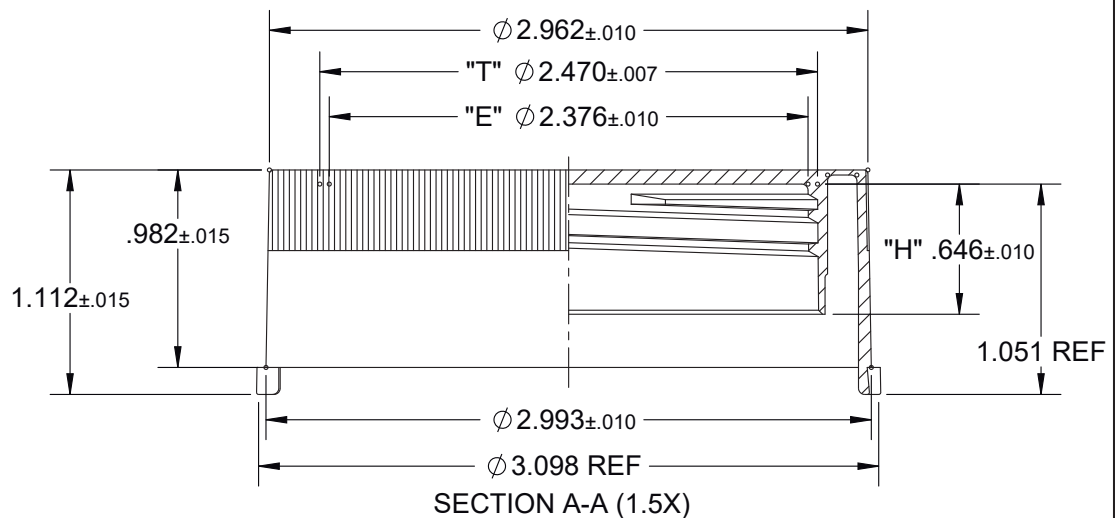
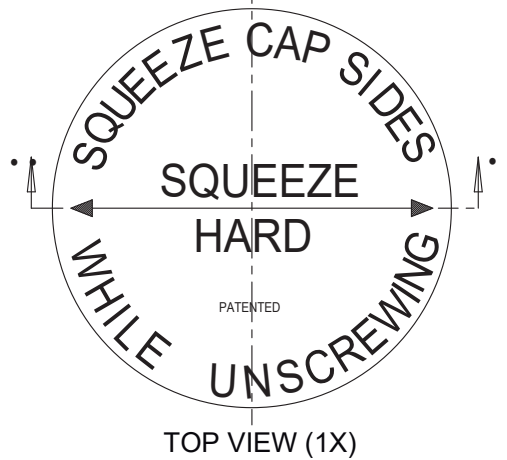
Part #: 3624F

Size:	63 MM
Color:	WHITE
Material:	PP
Style:	CRC
Additional Info:	QUEEZE & TURN FOAM LINER
Case Pack:	400 / EACH
Pallet Pack:	9,600 / EACH



2 1

PRODUCTION RELEASE



NOTES:

1. DIAMETERS TO BE INTERPRETED AS AVERAGES
2. MODIFIED BUTTRESS THREAD (6 TPI)
3. FOR NECK FINISH, SEE DRAWING M6971
4. MAT'L: PP

REV. K - 5/9/2018 - EPH
 #RCT170564

REFERENCE DIMENSIONS ARE NOT INSPECTED AND NO TOLERANCE APPLIED

INSPECTION DIMENSIONS ARE VERIFIED WITH TOLERANCE

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Berry

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SIZE AND STYLE

CR63SPLFXSQ

DRAWING TYPE:

CUSTOMER

DESCRIPTION:

63mm SQL CR CLOSURE

DRAWING NO:

K6970

PROJECT #:

LAST MODIFIED BY AND DATE:

kkoring - 3/28/2019 10:22:52 AM

CREATED BY:

T. PERSELL

CREATION DATE:

1991-11-21

SHEET

1 of 1

DRAWING REVISION:

K

SCALE:

1:1

SHEET SIZE

A

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Illing Part# 3624F



January 16, 2015

Kristi Ritter
Berry Plastics
1706 Hempstead Road
Lancaster, PA 17601

Via E-mail: KristiRitter@BerryPlastics.com

Dear Ms. Ritter:

Every substance selected to formulate 90,699HCC White 1% is either "generally recognized as safe" (GRAS), prior-sanctioned, subject to an effective Food Contact Notification (FCN), subject to a Threshold of Regulation (TOR) or identified in one or more following sections of Title 21 of the Code of Federal Regulations published by the U.S. Food and Drug Administration (FDA):

178.3297 178.3620 178.2010 181.28 177.1520

- The ingredients selected to manufacture this concentrate are acceptable to contact food of all types but not for packing or holding food during cooking as described in table 2 of section 176.170(c).

Based on the agreed let down ratio, this Teknor Color product may be used for the production of food contact articles in the United States, provided that the terms and conditions in the applicable FDA regulations, FCN's, TOR's, prior sanctions and GRAS determinations are met and provided the finished food contact article meets any applicable limitations on extractives.

This certification applies only to the Teknor Color product identified above. Since Teknor Color has no control over how you use this product or any further manufacturing or processing that it will undergo, we strongly recommend that you consult the FDA regulations, policies and guidance's pertinent to your intended use and handling of this product so as to determine the full extent of your regulatory responsibilities

90,699HCC White 1% contains an ingredient derived from animal tallow which is sourced from the USA and/or Canada. Our suppliers have notified us that the manufacturing conditions employed to process the raw tallow are well in excess of the recommended treatment practices. These include hydrogenation of tallow at 200°C, hydrolysis at 260°C and 48 bar for 1.5 to 2 hours and vacuum distillation at 232°C and exceed the European Union recommendation for processing conditions of 200°C and 40 bar for 20 minutes. The type of animal used is bovine and porcine and our suppliers have indicated that the following parts of the animal are not used: skull, brain, eyes, tonsils, or spinal cord.

These materials comply with the European guidance document 2004/C24/03 on animal derivatives entitled "Note for guidance on minimizing the risk of transmitting animal spongiform encephalopathy agents via human and veterinary medicinal products...", Section 6.4 Tallow Derivatives".

For the plastic industry we are typically referring to derivatives of tallow that have undergone several and significantly rigorous processing steps that the best science has determined inactivates prions associated with transmission of TSE/BSE. The process time and process conditions used in the production of this ingredient are

TEKNOR COLOR COMPANY

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equivalent to, or exceed, those laid down in the 24th Commission Directive 2000/6/EC of 29 February, 2000, as annexed to Council Directive 76/768/EEC.

In the United States tallow derivatives are not considered specific risk material or prohibited cattle material as defined by the U.S. Food and Drug Administration in its interim final rule in 21 CFR 189.5, Prohibited cattle materials and 21 CFR 700.27, Use of prohibited cattle materials in cosmetic products.

This concentrate is also in full compliance with CONEG style packaging legislation as it currently exists in various states and European Parliament and Council Directive 94/62/EC (Packaging and Packaging Waste). The incidental combined level of lead, cadmium, mercury, and hexavalent chromium is well below the 100 parts per million (PPM) maximum.

This letter supersedes previous letters issued addressing this topic for Teknor Color product.

Respectfully,

A handwritten signature in black ink, appearing to read "D. Flynn".

Damon Flynn
Materials Regulatory Specialist
Teknor Apex Company
505 Central Avenue
Pawtucket, RI 02861
12rexam231b 0868031 15-0111DF

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Polypropylene **FT120WV**

Sub-group
Homopolymer

Description
Antistatic, Nucleated, Good Mold Release

Applications
Suggested Uses Include Cosmetic Packaging, Disposable Cutlery, Closures, Overcaps

Control Properties:	ASTM Method	Units	Values
Nominal Melt Flow Rate (230°C/2.16kg)	D-1238	g/10 min	12

Typical Properties:	ASTM Method	Units	Values
Tensile Strength at Yield (2 in/min, 50 mm/min)	D-638	psi(MPa)	5,600(39)
Elongation at Yield (2 in/min, 50 mm/min)	D-638	%	8
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	D-790A	psi(MPa)	240,000(1,655)
Notched Izod Impact Strength at 23°C	D-256A	ft-lbs/in(J/m)	0.7(37)
Rockwell Hardness	D-785	R	106

Final Remarks

1. This resin meets the requirements for olefin polymers as defined in 21 CFR, section 177.1520 issued by the Food and Drug Administration. The additives present meet the applicable regulations.
2. This information reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
3. In some applications, Braskem has developed tailor-made resins to reach specific requirements.
4. In case of doubt regarding utilization, or for other applications, please contact Technical Service.
5. The values in this report can be modified without prior communication from Braskem.
6. Braskem polyolefin products do not have additives with heavy metals or organotin-based materials.



PRODUCT DATA SHEET

F-419MTM

- F-419MTM is a coextruded primary liner consisting of a foamed Low-Density Polyethylene (LDPE) core sandwiched between two solid layers of Low-Density Polyethylene that contains High-Density Polyethylene (HDPE) for improved stiffness.
- Does not promote microbial growth.

Typical Product Attributes

Construction

Solid PE Foamed LDPE Solid PE		SI (µm) Total Thickness 762,0 – 3175,0	US (mils) Total Thickness 30.0 – 125.0
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Properties

Color Appearance Density 762 – 1140 µm 30 – 125 mil Thickness Tolerance 762 – 1524 µm 30 – 60 mil 1650 – 2290 µm 65 – 90 mil 2410 – 3180 µm 95 – 125 mil Available Widths 762 – 1520 µm 30 – 60 mil 1650 – 3180 µm 65 – 125 mil Width Tolerance		White or as specified Opaque 320 ± 32 kg/m ³ ± 127 µm ± 178 µm ± 254 µm 25 – 1016 mm 25 – 229 mm ± 1,6 mm	White or as specified Opaque 20 ± 2 lb./ft ³ ± 5 mil ± 7 mil ± 10 mil 1 – 40 in 1 – 9 in ± 0.0625 in
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Regulatory Compliance

FDA Compliance Drug Master File (DMF) Other Compliances Safety Data Sheet (SDS) Statement	21 CFR 177.1520 Olefin polymers. 21 CFR 177.1210 Closures with sealing gaskets for food containers. Will be added to a DMF upon request for a Letter of Authorization (LOA). USFDA Food Allergen Guidelines California Proposition 65 Labeling Requirements Limitations of Heavy Metals in Packaging per CONEG & EU 94/62/EC, Article 11 Safety Data Sheets (SDS) are not required for articles as defined in 29 CFR 1910.1200, the OSHA Hazard Communication Standard (HazCom). This product is an article as defined by HazCom and is not considered to be, or to contain, a hazardous chemical based on evaluations made by our company.
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Please note that construction does not reflect adhesive or resin bonding layers, if present.

Revision Number: 2
 Revised Date: 2019-08-26

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