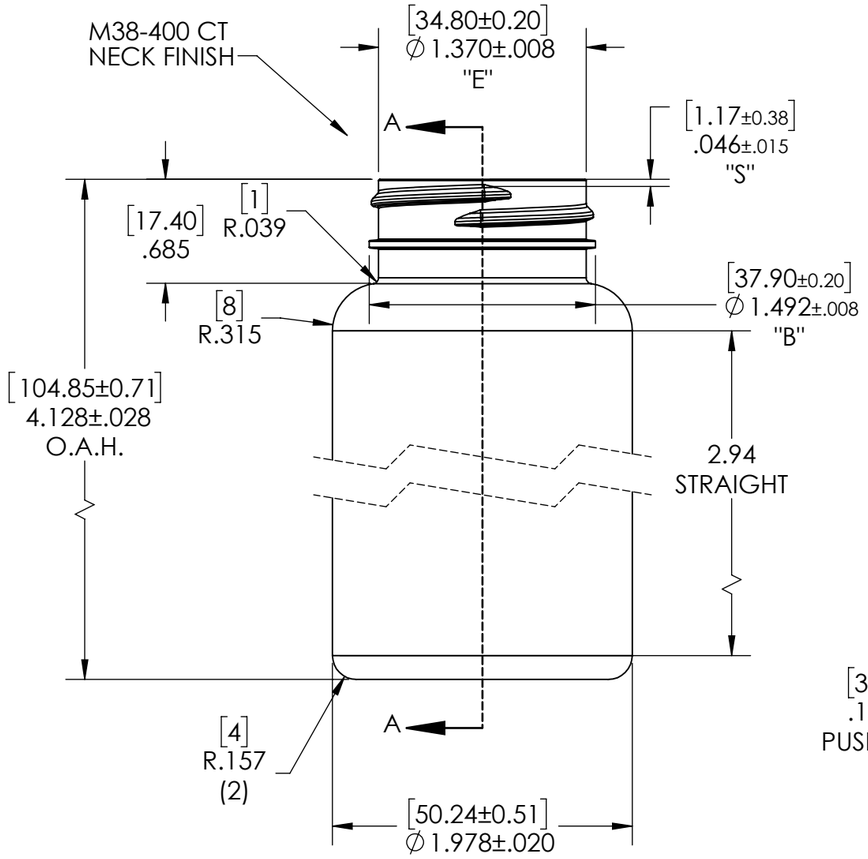
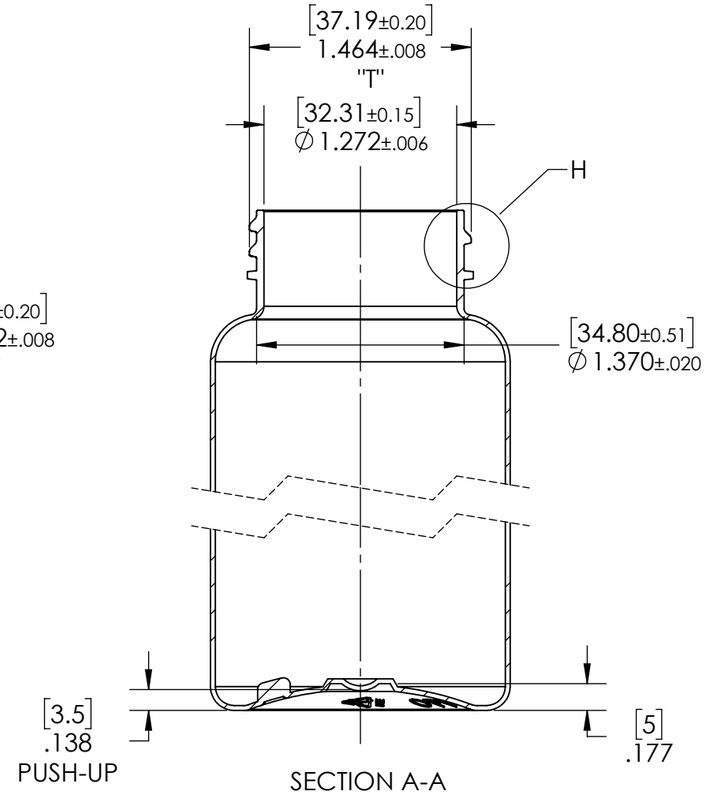
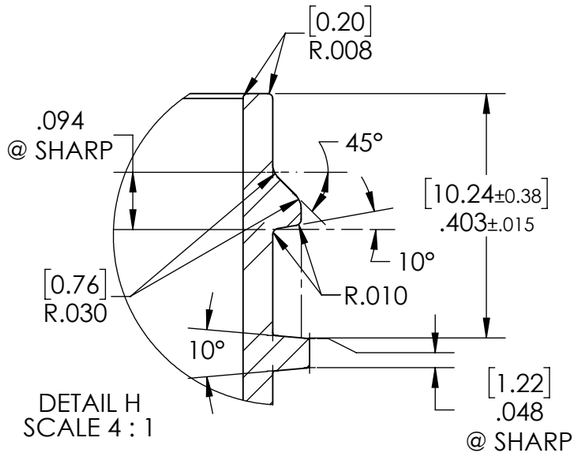


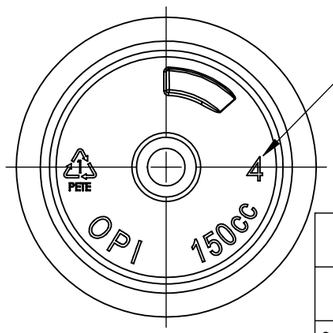


SECTION A-A



DETAIL H
SCALE 4 : 1

THREAD SPECIFICATIONS:
6- T.P.I. (.167" PITCH)
1- TURN OF THREAD



Overflow Capacity: 169 ml +/- 6 ml

REVISIONS					
Date	Rev	Description	Author	Drawn By	Approved By
06/09/20	2	Added Estimated Overflow Tolerance	BV	RS	BK
06/10/20	3	Updated Overflow Capacity; Removed "Estimated"	BV	RS	BK
06/18/20	4	Revised OAH to 4.128 per AOKI mold setup	BV	RS	BK

ALL DIMENSIONS IN INCHES.GENERAL TOLERANCES ACCORDING TO DIN 16901

■ INF Issued for Information
□ IFA Issued for Approval
□ IFC Issued for Construction
□ IFP Issued for Production

ORANGE PRODUCTS, Inc.
1929 Vultee St,
Allentown, PA, 18103
www.orangeproducts.com

Part name:
150 cc - 38 mm CT NECK FINISH BOTTLE

Project name:
150 cc - 38 mm CT NECK FINISH BOTTLE

Material:
PETE

Weight:
20.5 ±0.5 gr

Designed by:
S. Loukov

Approved by:
Bruce Klotz

Scale	Size	Drawing number	Rev.	Date
1:1	B	N/A	4	06/18/20

Primary Colors, Inc.

A SOMWBA Certified Minority Business

9 Millennium Drive, Centech Park, N. Grafton, MA 01536 Tel (508) 887-8789 Fax (508) 887-8810

TECHNICAL DATA SHEET

Product Name:	FDA BLACK PET CONC
Color Number:	2M5291
End Application Process:	Blow Mold
Let Down Resin:	PET
Pigment Loading:	25 %
Pellet Size:	+ / - 1/8 inch
Let Down Ratio:	1% - Opt
Processing Temperature Limit:	490 degrees F
FDA Compliant:	YES (Title 21 CFR 178.3297 colorants for polymers)
CONEG Compliant:	All constituents utilized in the production of said concentrate comply with CONEG guidelines (free from heavy metals – lead, cadmium, mercury, and hexavalent chromium).
Packaging:	Cardboard boxes / Fiber Drums / Gaylords

Eastlon™ 8006 Specification

Property	Unit	Value	Test method
IV	dl / g	0.80 ± 0.02	APG/QC-01
Melting point (+)	℃	253 ± 5	APG/QC-06
Color (L* value)		> 75	APG/QC-02
Color (B* value)		< 1.0	APG/QC-02
Pellet shape		cylinder	
AA content	ppm	< 2.0	APG/QC-03

+ Monitored on PET portion of feed resin only

US FDA Status of EASTLON™ 8006 Polyester Resin

As supplied, EASTLON™ 8006 polyester resin complies with all applicable compositional requirements of the Food, Drug and Cosmetic Act, is manufactured in compliance with FDA good manufacturing practices (21 CFR 174.5), and is suitable for use as a component food packaging articles intended for contact with aqueous, acidic, fatty and low-alcohol foods at temperatures up to 212°F (100°C), and with high-alcohol (>15 %, < 95 %) foods at room temperature and below. The finished food-contact article must meet the specifications cited in title 21 CFR 177.1630, paragraphs (f), (g) and (j) that are applicable for its intended use.

Our statement regarding the above-cited APG Polytech polyester resin is an assurance based on the assumption that the chemical composition will not be altered by the addition of substances that do not enjoy suitable regulatory status for their intended purpose and that the food contact article will be fabricated and employed in accordance with good manufacturing practices. We direct your attention to 21 CFR 174.5(b) concerning good manufacturing practices. You should also be aware that it is the responsibility of the manufacturer of the final food packaging article to verify that the article complies with any migration limitations that are applicable for its intended use.

If you should have any further questions concerning the product safety and compliance of APG Polytech polyester resins please contact Kate Peng (Kate.peng@fenc.com).

The above statement was prepared for APG Polytech by NJEChemServices LLC

11 June 2020

SAFETY DATA SHEET

24 Hour Emergency Assistance: CHEMTREC - Domestic: (800) 424-9300
24 Hour Emergency Assistance: CHEMTREC - International: (703) 527-3887
General Assistance Number: (304) 576-4410

Revision: April, 2020

1. Identification

Product Name: **Eastlon™ 8006**
Other Names: None.
Recommended use and restrictions on use: None.
Names, addresses, and phone numbers of the manufacturer or supplier: Name: APG Polytech, LLC Address: 27601 Huntington Road, Apple Grove, WV Tel: +1-304-576-4410

2. Hazard(s) identification

Product hazard class: Not applicable to the classification criteria.
Label content: None.
Other hazards: None.

3. Composition/information on ingredients

Pure material:

Chinese and English name: Poly(Ethylene Terephthalate-Isophthalate)
Synonyms: PET copolymer
Chemical Abstract Service No. (CAS No.): 24938-04-3
Hazardous ingredients (% of the material): Components not identified are proprietary or non-hazardous

4. First-aid measures

The first aid measures for different exposure routes: Inhalation: If exposed to fumes from overheating, move to fresh air. Consult a physician if symptoms persist. Skin: If contact with molten product occurs, cool the area quickly with water. Do not attempt to remove solidified polymer. Seek medical attention; treat for thermal burn Eyes: Immediately wash with plenty of fresh water. If necessary, seek medical help. Ingestion: Not applicable.
The most important symptoms and hazardous effects: None.
Special precautions for first-aid providers: None.
Notes to physicians: None.

5. Fire-fighting measures

Suitable fire extinguishing media: Water, CO2, dry chemicals, foam.
Specific hazards that may be encountered during fire-fighting: Gases (carbon dioxide, carbon monoxide, etc.) will form upon combustion.
Specific fire-fighting methods: Avoid excessive inhalation of smoke or potential thermal decomposition products. Keep product cool by spraying with water. If outdoors, fight fire from an upwind position.
Special equipment for the protection of firefighters: Due to potential decomposition of the polymer, firefighters should be equipped with positive pressure self-contained breathing apparatus (SCBA) and standard protective firefighting clothing (helmet, eye protection, overalls, boots, and gloves) when fighting all indoor fires and any significant outdoor fires.

6. Accidental release measures

Personal precautions: None.
Environmental precautions: None.
Methods for cleaning up: Vacuum or sweep up and place in a standard disposal container. Avoid the use of compressed air. Proper disposal should be evaluated based on regulatory status of this material, potential contamination from subsequent use and spillage, and regulations governing disposal in the local area.

7. Handling and storage

Handling: No special handling has been determined to be necessary.
Storage: Avoid over-stacking to prevent collapse or breakage of the package. Do not store near flame or incompatible substances.

8. Exposure controls/personal protection

Engineering control: Adequate ventilation is recommended to reduce exposure to dust.
Control parameters: 8 hour time weighted average exposure limits/Short-term exposure limits/maximum exposure limits ACGIH Threshold Limit Value: 10 mg/m^3 total dust; 3 mg/m^3 respirable dust OSHA Permissible Exposure Limit: 15 mg/m^3 total dust; 5 mg/m^3 respirable dust

Biological standards: None.
Personal protective equipment: Respiratory protection: For operations where inhalation exposure can occur, a NIOSH approved dust mask/respirator is recommended. Hand protection: Insulated gloves should be worn when there is a potential for contact with product at processing temperatures. Eye protection: For operations where eye contact can occur, eye protection such as goggles or safety glasses is recommended. Skin and body protection: Not required.
Hygiene measures: None.

9. Physical and chemical properties

Appearance: White solid	Odor: No odor
Odor threshold: None.	Melting point: 240~260°C
pH value: 7.0	Boiling point/boiling point range: No data available
Flammability (solid, gas) Decomposition temperature: No data available	Flash point: No data available Test method: Open cup Closed cup
Auto-ignition temperature: No data available	Explosion limits: No data available
Vapor pressure: No data available	Vapor density: No data available
Density: 1.3~1.4 g/cm^3	Solubility: Insolubility in water

10. Stability and reactivity

Stability: Stable under normal conditions.
Possible hazardous reactions under specific conditions: None.
Conditions to avoid: None.
Materials to avoid: None.
Hazardous decomposition products: None anticipated under normal or recommended handling and storage conditions.

11. Toxicological information

Routes of exposure: Inhalation and eyes.

Symptoms: Respiratory irritation and mild irritation.
Acute toxicity: Inhalation: Vapors or dust generated may cause respiratory irritation. Skin: None. Eyes: Vapors or dust generated during processing may cause mild irritation. Ingestion: None.
Chronic toxicity or long term toxicity: No data available.

12. Ecological information

Ecotoxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Other adverse effects: No data available.

13. Disposal considerations

Methods of waste disposal: Dispose of in accordance with all applicable governmental regulations for non-hazardous solid waste.

14. Transport information

United Nations number (UN No): None.
UN Proper shipping name: None.
Transport hazard class(es): None.
Packing group: None.
Marine pollutant(Yes/No): No.
Specific transport measures and precautionary conditions: None.

15. Regulatory information

Federal Regulatory Status:

Superfund Amendment & Reauthorization Act (SARA) Title III:

This material is not regulated under SARA Title III.

Toxic Substances Control Act (TSCA) Status:

This material is listed on the EPA/TSCA Inventory of Chemical Substances.

16. Other information

Literature references	The SDS has been prepared in compliance with United States OSHA Hazard Communication Standard 29 CFR 1910.1200 and the United Nations Globally Harmonized System for the Classification and Labeling of Chemicals.
Organization that prepared the SDS	Name: APG Polytech, LLC
	Address/telephone number: Address: 27601 Huntington Road, Apple Grove, WV Tel: +1-304-576-4410
Date that the SDS was prepared	Revision: April, 2020
Remarks	The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof