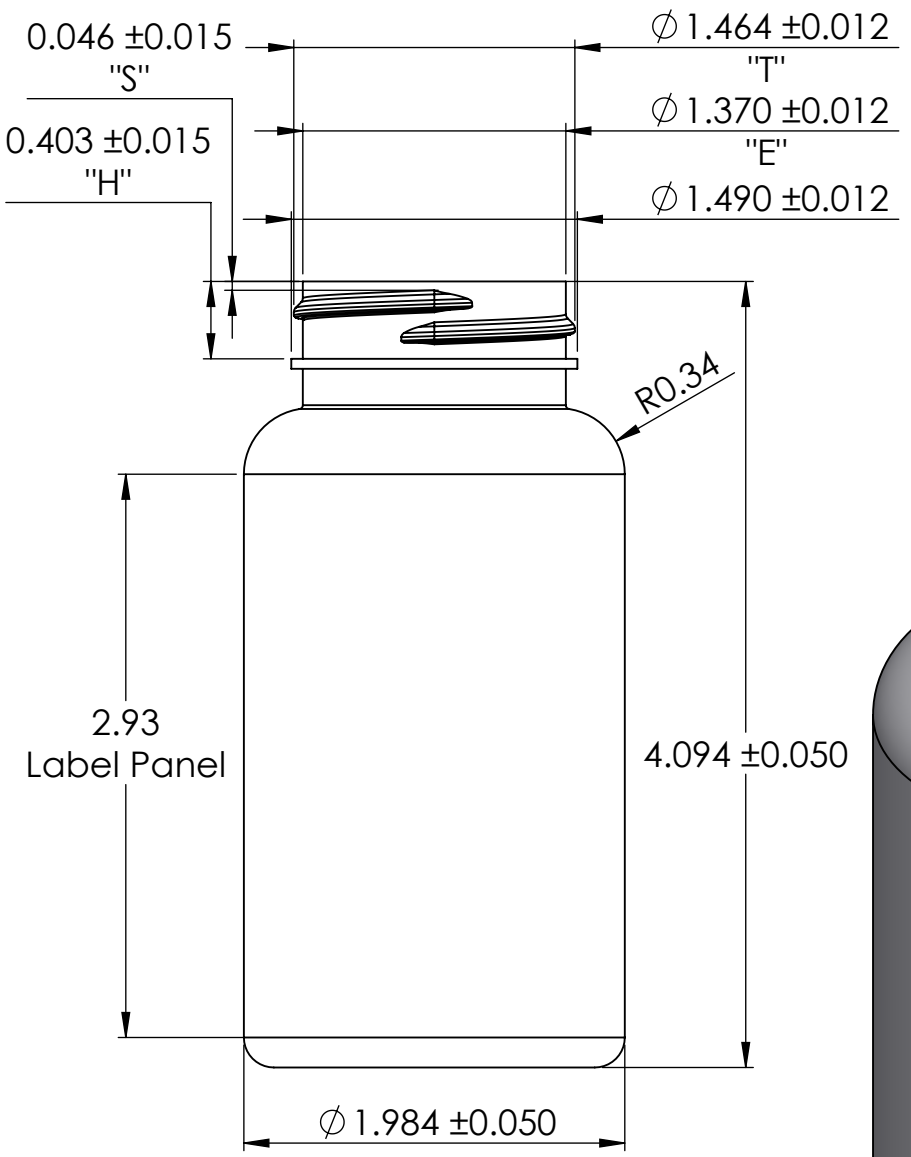
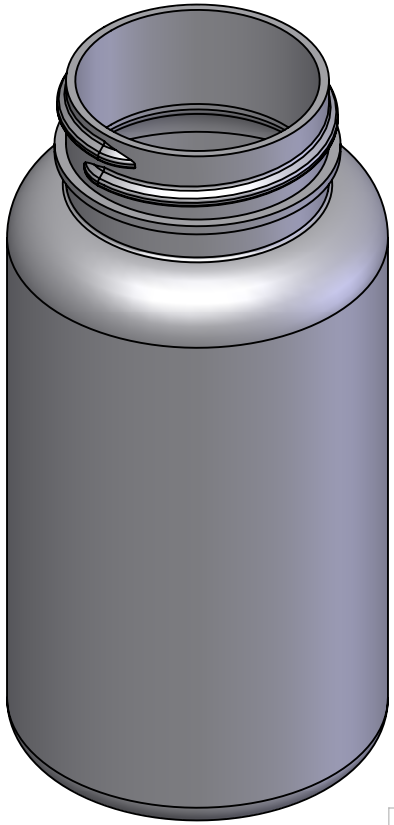


SPECIFICATION NECK FINISH 38SP400		
KEY	MAX	MIN
T	1.476	1.452
E	1.382	1.358
H	0.418	0.388
S	0.061	0.031



Rev.	Description	By	Date	ECR
A	Original Release	AS	7/20/2009	N/A
B	3D Model, format, min. wall thick.	SM	11/21/2017	N/A

Notes/Comments:

1. Min. wall thickness: 0.012 inches
2. Dimensions are nominal (millimeters/inches).
3. This drawing represents the bottle 72 hours after time of manufacture. (Storage at nominal conditions)
4. The dimensional tolerances applied to the Overall Height of the container are to be applied to all height dimensions.
5. The dimensional tolerances applied to the major diameter or width of the container are to be applied to all diameter, width and thickness dimensions.
6. The actual weight will vary based on the actual production weight of the preforms
7. Fill levels are based on room temperature water
8. Tim Plastics, Inc. assumes no responsibility for fit, function or form of closures, accessories and/or shelf life and compatability of intended contents with this bottle.
9. The customer is responsible to determine the suitability of the intended use of this product and to keep it in a suitable environment (cool and dry) during transportation, storage and handling

CONFIDENTIAL

Volume & Weight Information

Capacity Specification

Fill Line Capacity (Approximate):	Overflow Capacity:	Process/Preform:
150 ml	171.0 ±6.0 ml	ISBM
Material:	**Container Target Weight:**	**Neck Finish:**
PET	23.0 ±2.0 gm	38SP400

Drawing Information

Date:	Drawn By:	Customer:
11/21/2017	SM	
Scale:	**Checked By:**	
SCALE: 1:1	AS	

Title:

150cc Wide Mouth Round

Drawing Type:	
Product Drawing	
Drawing Number:	**Rev.**
A 3001150	B

Tim Plastics, Inc.
97 N. Leslie Rd.
North East, MD 21901

Tim Plastics March 29, 2021

To Whom It May Concern:

We provide below information regarding the status of the identified product(s) under food contact regulations in the United States and in Europe. You requested this information to support work you are doing on an application that involves food contact. The status is based on information received from our raw material suppliers. Please note that for use in food contact applications there may be limitations in the regulations that apply to our products, and these are noted below.

66G12205 GREEN PET

FDA Food Contact:

All of the ingredients used in the above formulations of Penn Color product(s) are listed by FDA in the Title 21, Code of Federal Regulations in one or more of the following sections or exempt pursuant to the same.

Colorants: the colorants used in the product are either listed under 21 CFR 178.3297, or the supplier has supported use in food contact applications through an FCN filed with FDA, or by other means, such as a Threshold of Regulation opinion. The colorants used in the product may have some use restrictions which are incorporated in the summary table below.

Additives: the additives used in this product are compliant with various sections of 21 CFR, or the suppliers have supported use through an FCN filed with FDA, or by other means, such as a Threshold of Regulation opinion. Additional information can be provided if required. Any use restrictions that may apply are incorporated into the table below.

Resins: suppliers indicate that these materials are compliant under sections of 21 CFR 177, or the suppliers have supported use through an FCN filed with FDA, or by other means, such as a Threshold of Regulation opinion.

Based on the components of the product and the restrictions on use as identified by the suppliers, this product is suitable for use in food contact applications under the following conditions:

Packaging resins	PET	177.1630
Food types	Dry foods (VIII)	176.170 Table 1
Conditions of Use	E – G	176.170 Table 2
Recommended use level (LDR)	0.5% by weight	
Maximum use level (LDR)	1.0% by weight	

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DADAR, T.T.
MUMBAI 400-014 INDIA
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It is strongly recommended that this product is tested in its desired applications for suitability of the intended purpose and compliance with 21 CFR 174.5, or compliance with other applicable laws and regulations in each relevant country and region. Furthermore, we emphasize that even when the product meets the required purity limits; meeting the purity criteria is not enough to indicate the suitability of our product for use in an application covered by one of the above mentioned regulations or norms. In addition to other factors which will need to be taken into consideration by a user of our product depending on the chosen application, the absence of migration plays a decisive role.

EU Food Contact Declaration of Compliance:

The components of this formulation are in compliance with the following EU Directives relating to plastic materials and articles intended to come into contact with foodstuffs.

EU Regulation 10/2011 – Plastic materials and articles intended to come into contact with food, including amendments.
EU Regulation 1935/2004 – On materials and articles intended to come into contact with food
EU Regulation 2023/2006 GMP – products are produced in an ISO certified facility.

The pigment materials used in this formulation are in compliance with one or more of the following EU Directives or national legislations:

EU Regulation 10/2011- Plastic materials and articles intended to come into contact with food, including amendments.
EU Regulation 1935/2004 - On materials and articles intended to come into contact with food
AP (89) 1 - On the use of colorants in plastic materials coming into contact with food
BfR Recommendation IX
French Positive List Circulaire 176
IT DM 21.03.1973

CONFIDENTIAL: The following information regarding Specific Migration Limit (SML) values and Dual Use components is considered confidential. Please note that components used in the formulation have the following restrictions.

SML(s)	1,4-butanediol = 5 mg/kg acetaldehyde = 6 mg/kg antimony oxide = 0.04 mg/kg cobalt = 0.05 mg/kg epoxidized soybean oil = 60 mg/kg (lowered to 30mg/kg for foods under Directive 2006/141/EC and Directive 2006/125/EC) ethylene glycol + diethylene glycol = 30 mg/kg combined isophthalic acid = 5 mg/kg terephthalic acid = 7.5 mg/kg tetrahydrofuran = 0.6 mg/kg
Dual Use Additive(s)	E – 338 E – 432

It is important to note that there are additional requirements for manufacturers of an article within EU Regulation 10/2011. Additional requirements include but are not limited to migration testing and

retesting of articles to ensure they do not exceed any SMLs or Overall Migration Limits (OML) of a chemical substance.

It is strongly recommended that this product is tested in its desired applications for suitability of the intended purpose and compliance with all applicable laws and regulations in each relevant country and region. Furthermore, we emphasize that even when the product meets the required purity limits; meeting the purity criteria is not enough to indicate the suitability of our product for use in an application covered by one of the above mentioned regulations or norms. In addition to other factors which will need to be taken into consideration by a user of our product depending on the chosen application, the absence of migration plays a decisive role.

This information is believed to be reliable as of the date of this letter and is valid for two years or until regulations change, new regulations emerge, or new information is received. Please request new information prior to expiry. This information is meant as a guide and is not intended to replace, supplement or interpret any regulations. It is the responsibility of the user to assess its product uses and applications and assure compliance to all applicable laws and regulations, including the CFR sections noted above.

If I can be of further assistance regarding this matter, please do not hesitate to contact me.

Regards,

Tyler J. Forst
Product Steward
267-663-7941

TIM PLASTICS, INC.
P.O. Box V
97 N. Leslie Rd
North East, MD 21901
410-287-6944

Regulatory Status PET

All PET bottles and jars manufactured by Tim Plastics, Inc. are produced in the United States using good manufacturing practices. All raw materials, for both bottles and packaging, are sourced domestically.

Products are manufactured using the following resin:

Nanya Plastics Corporation Tairilin Chip AA20
AA20 compositionally complies with 21 C.F.R. § 177.1630 ("Polyethylene phthalate polymers") for contact with all food types under Conditions of Use A ("High temperature heat-sterilized (e.g. over 212°F)") through H ("Frozen or refrigerated storage: Ready-prepared foods intended to be reheated in container at time of use"). Provided the appropriate end tests of Section 177.1630 are met, such use may properly be said to comply fully with the Federal Food, Drug, and Cosmetic Act and all applicable food additive regulations and Food Contact Notifications, Including 21 C.F.R. § 174.5 ("General provisions applicable to indirect food additives"**).**

EU 10/2011
AA20 complies with the safety requirements of Article 3.1.a) of the EU Framework Regulation (Regulation (EC) No. 1935/2004, as amended), as well as the Plastics Regulation (Regulation (EU) No. 10/2011, as amended), when used in contact with all types of food under high temperature applications, including conditions as severe as retort conditions (2 hours at 121°C) and oven cooking applications (2 hours at 175°C), as well as long-term storage (greater than 6 months) at room temperature and below.

US Pharmacopeia
Tairilin PET resin AA20 has passed all physical and chemical tests for PET as indicated by USP Standard 661 for plastics containers

Food Allergens

Tairilin PET resins do not contain allergenic ingredients such as tree nuts, peanut products, soybean products, egg products, milk products, fish, shellfish, wheat products, sunflower seeds, poppy seeds, sesame seeds, or sulfites.

Genetically Modified Organisms

Genetically modified organisms are not used in the formulation or manufacture of Tairilin PET resins.

Latex

To the best of our knowledge, the materials used, manufactured and processed for Tairilin PET resins do not contain natural rubber or dry natural rubber.

Ozone Depleting Substances

Materials listed in the Clean Air Act Amendments of 1990 (Class I CFC's, Class II HCFC's and the solvents, carbon tetrachloride and 1,1,1-trichloroethane) are not used in the manufacture of Tairilin PET resins.

Heavy Metals CONEG / Toxics in Packaging

These resins comply with the package requirements for heavy metals as set forth by the Coalition of Northeast Governors (CONEG), the California Toxics in Packaging act and the Article 11 of the EU Directive 94/62/EC. Lead, cadmium, mercury, and hexavalent chromium are not used in the formulation or manufacture of Tairilin PET resins. The sum of incidental (non-intentionally added) concentrations of these heavy metals in Tairilin PET resins do not exceed 100 parts per million by weight.

EU Restrictions of Hazardous Substances (RoHS) Directive 2002/95/EC

These resins meet the safety and regulatory requirements for certification under this standard. Nan Ya Plastics Corporation does not intentionally add lead, cadmium, mercury, or hexavalent chromium, deca-BDE or polybrominated biphenols during the manufacture of Tairilin PET resins.

California Proposition 65
Substances listed in California Proposition 65 (1/1/2025) are not utilized in the formulation of the 1AA20 except for Ethylene Glycol (Ethylene Glycol is a required feedstock for the production of PET); however, Ethylene Glycol is expected to be fully reacted into PET.

REACH and Substances of Very High Concern
AA20 does not contain any chemicals listed as Substances of Very High Concern (June 2025) greater than the 0.1 wt% requirement for reporting. Pentabromodiphenyl Ether and Octabromodiphenyl Ether Pentabromodiphenyl Ether and Octabromodiphenyl Ether are not used in the formulation or the manufacture of Tairilin PET resins. To the best of our knowledge, this product is in compliance with EU Directives 2003/11/EC and 76/769/EEC.

Phthalates and Bisphenol A (BPA)
Phtalates (DEHP, DBP, BBP, DINP, DIDP, DNOP) or Bisphenol A are not used in the formulation or the manufacture of Tairilin PET resins.

Glycidyl Ethers (Badge, BFDGE, NOGE)
Bisphenol A Diglycicyl ether (BADGE), Bisphenol F diglycidyl ether (BFGDE) and Novolac glycidyl ether (NOGE) are not used in the formulation or manufacture of Tairilin PET resin.

Butylated Hydroxytoluene (BHT) & Butylated Hyroxyanisole (BHA)
Butylated Hydroxytoluene (BHT) & Butylated Hydroxyanisole (BHA) are not used in the formulation or manufacture of Tairilin PET resins.

Organotin Compounds
Organotin compounds are not used in the formulation or manufacture of Tairilin PET resins.

Perfluorinated Chemicals
Perfluorinated chemicals, specifically perfluorooctanoic acid (PFOA) or PFAs are not used in the formulation or manufacture of Tairilin PET resins.

Animal Derived Materials
No materials derived from animals are used in the formulation or manufacture of Tairilin PET resins. These resins meet both European Union and U.S. Food and Drug Administration standards for being free from contamination with Transmissible Spongiform Encephalopathy (TSE) agents.

Sustainability
All Tim Plastics PET bottles can be recycled as all polyester resins.

N-Nitrosamines
The PET resin used by Tim Plastics does not utilize N-nitrosamines or their reagents in the formulation and therefore do not expect N-nitrosamines to be present in the resin. This includes the N-nitrosamines NDMA, NDEA, NMBA/BMSA, DIPNA/NDIPA/NDIA,EIPNA/NIPEA/NIEA, NDBA, NDPA, NMEA and the reagents Dimethylamine, Diethylamine, N-methyl-4-amino butyric acid, Diisopropylamine, N,N-diisopropylethel amine, Dibutylamine, Dipropylamine, and N-ethylmethylamine.

Melamine
Tim Plastics' products are not formulated with melamine compounds and they are not expected to be present.

Radiological Statement
Tim Plastics' products are not formulated with any components that contain harmful levels of radiation contamination.

Residual Solvents
Tim Plastics' products are not formulated with any residual solvents and they are not expected to be present.

Debarment and Conviction Statement
Pursuant to Section 306(k) of the Federal Food and Drug Cosmetic Act, as amended by the Generic Drug Enforcement Act of 1992, Tim Plastics, Inc. hereby certifies to the best of it's knowledge, that it does not and will not use, in any capacity, the services of any principal employee debarred under subsection (a) or (b) of the Generic Drug Enforcement Act.

California Transparency in Supply Chains Act of 2010
Tim Plastics' relationships with suppliers are based on lawful, efficient, and fair practices. We expect our suppliers to obey the laws that require them to treat workers fairly, provide a safe and healthy work environment, and protect environmental quality. All of the raw materials and packaging components used in Tim's production are sourced from within the United States.

National Organic Program
We hereby certify that we do not use, add, or treat any of our packaging with any type of synthetic fungicides, preservatives, or fumigants in accordance with USDA NOP (National Organic Program) 205.272.

This information is based on the current formulation for this product as dated by this memo. Materials were not used to replace the regulated chemicals present in a quantity or manner that creates a hazard as great or greater than the hazard created by the regulated chemicals.

Tim Plastics maintains certification letters on file from the material manufacturers. Unless specifically mentioned, Tim Plastics does not use any recycled post-consumer content in any of our products.

Tim Plastics does not add any synthetic fungicides, preservatives, or fumigants to the resin used for the manufacturing of the bottles.

Disclaimer
In determining the acceptability of this product we recommend you consult the Regulation for complete details. This information is based on data collected by Tim Plastics and is believed to be correct.

Emergency Contact Information:

Phone - 410-287-6944 Fax - 410-287-6945