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Product Specification Sheet

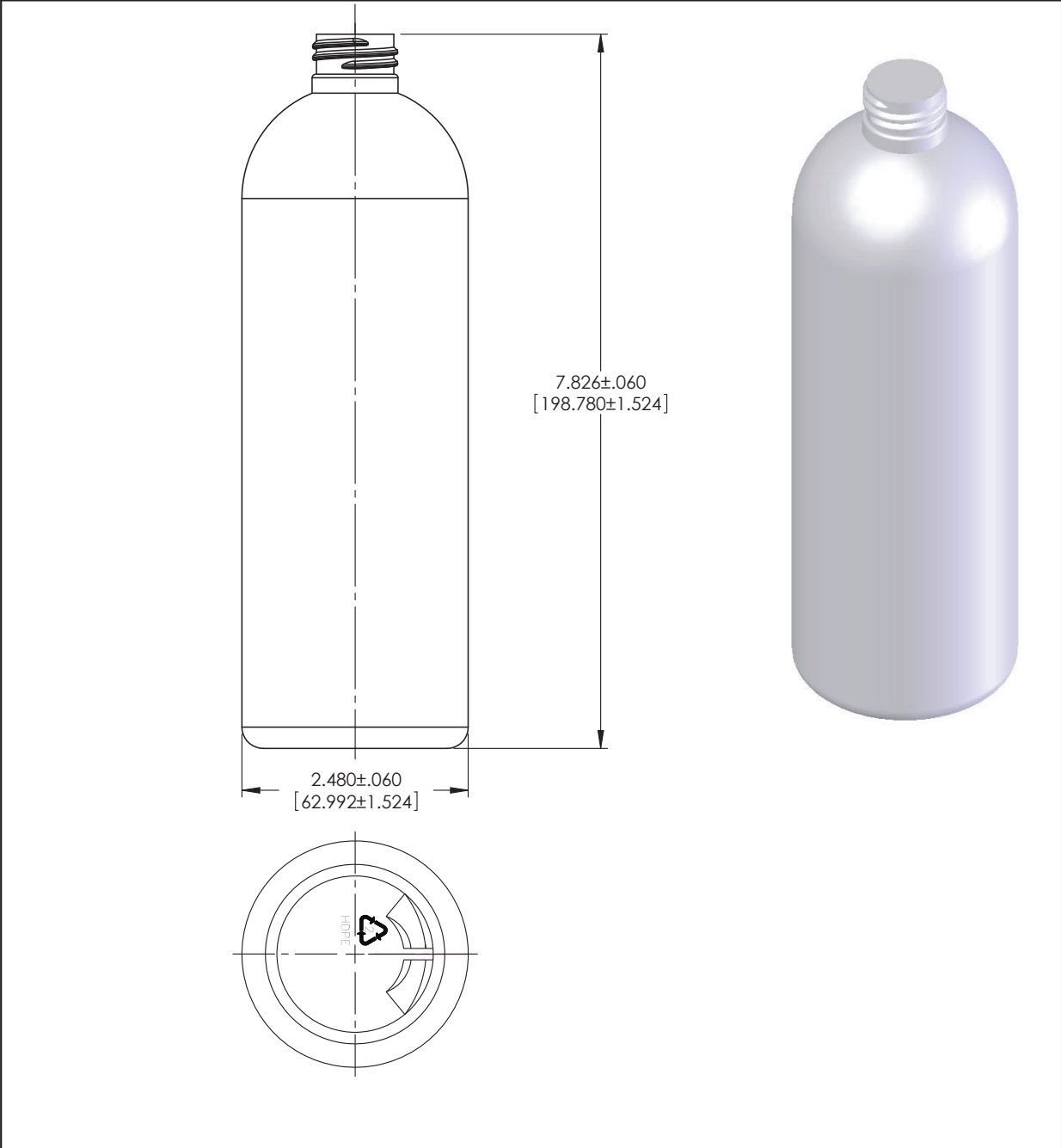
Illing Part#

351624W

16 OZ WHITE HDPE BULLET BOTTLE 24-410

Part #: 351624W

Size:	16 OZ
Color:	WHITE
Material:	HDPE
Style:	BULLET BOTTLE
Additional Info:	24-410 NECK
Case Pack:	243 / EACH
Pallet Pack:	2916 / EACH



 ASTRO PLASTIC CONTAINERS			16oz BULLET RD.				
Neck Finishes Available	Overflow Height	Overflow Capacity	Bottle weight	Pcs/ Carton	Pallet Count T/L	Pallet Count LTL	T/L Qty
M24-SP410	7.826"	510ml ±11	32.0 ±2	243	3,888	2,916	116,640
M24-SP415	8.137"	513ml ±11	32.0 ±2				
M28-SP410	7.861	510ml ±11	32.0 ±2	243	3,888	2,916	116,640
M28-400(spec)	7.827	510ml ±11	32.0 ±2				

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nexeo[®]
plastics

Nexeo Plastics, LLC - HIVAL® PE HDBM 500354 AS

General Information

General

Material Status	* Commercial: Active
Availability	* North America
Test Standards Available	* ASTM
Recycled Content	* No
Forms	* Pellets
Additive	* Anti-Stat
Processing Method	* Blow Molding

Typical Properties	Nominal Values	Units	Test Method
Physical			
Melt Mass Flow Rate (MFR) (190°C/2.16 kg)	0.35	g/10min	ASTM D1238
Density	0.954	g/cm ³	ASTM D1505
Mechanical			
Tensile Strength, Yield	3,900	psi	ASTM D638
Tensile Elongation, Break	>500	%	ASTM D638
Flexural Modulus	180,000	psi	ASTM D790
Thermal			
Low Temperature Brittleness	<-104	°F	ASTM D746

Compliance

This material is FDA compliant for food contact applications under 21 CFR 177.1520

Suggested Applications

Blow Molded Bottles

This product is not intended for and must not be used in any pharmaceutical/medical or automotive applications.

For technical assistance please call the Nexeo Plastics TechConnect Center

TechConnect Center: +1-866-430-9666

Email: TechConnect@nexeoplastics.com

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Responsible Care®

**Safety Data Sheet****HIVAL® PE HDBM 500354AS NAT**

Version 1.11

Revision Date: 06/10/2025

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**Product name** : HIVAL® PE HDBM 500354AS NAT**Recommended use of the chemical and restrictions on use**

Recommended use : Thermoplastic Resin
Restrictions on use : FDA Class III medical devices., European class III medical devices., Health Canada class IV Medical Devices., Applications involving permanent implantation into the body., Life-sustaining medical applications.

Manufacturer or supplier's details

Company : Nexeo Plastics, LLC and its subsidiaries and affiliates
Address : 1780 Hughes Landing Blvd, suite 1000
The Woodlands, TX. 77380
United States of America

Emergency telephone number:

Nexeo Plastics, LLC and its subsidiaries and affiliates:-CHEMTREC: 1-800-424-9300

Additional Information: : Phone: 1-833-466-3936
Regulatory Information Number: 1-833-466-3936
Email: PlasticsSDS@nexeoplastics.com

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

This material is considered hazardous under the OSHA Hazard Communication Standard criteria, based on hazard(s) not otherwise classified.

GHS label elements

Signal word : Warning

Hazard statements : May form combustible dust concentrations in air

Other hazards

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 100 %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

No hazardous ingredients

Special Notes: : The ingredients listed above are encapsulated within the matrix therefore; no exposure to these materials is expected during normal use/handling of this product.

SECTION 4. FIRST AID MEASURES

General advice : Do not leave the victim unattended.
If inhaled : If unconscious place in recovery position and seek medical advice.



CONCENTRATE SPECIFICATION SHEET

1/17/2025

Color (Product) Number: **W04200**Color Name: **WHITE**Customer Part Number/ Reference: **COLORS**For Use In: **P/E**Let Down Ratio: **2 lbs. to 100 lbs.**Base (carrier) Resin: **POLYETHYLENE**Requested Additives:
(Percent in Final Product)

Physical Properties: 1/8th inch pellet 40-110 ppg nominal. Free from physical defects

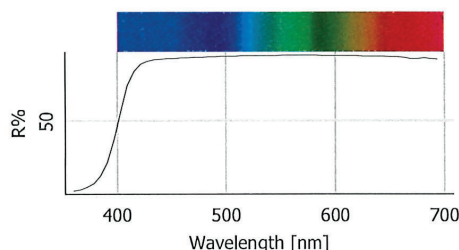
Regulatory Status: FDA: **X** Heavy Metal Free: **X** Contains Heavy Metal:

Contains No NRL

Contains No Animal Derivatives

HMF and FDA colorants also comply with CONEG and California Proposition 65. No listed ingredients are intentionally added. However, as some ingredients are naturally occurring in the environment, trace amounts, as defined by CONEG, may be detectable. For FDA colorants, all ingredients can be found in one or more of the following CFR sections: 177-1520; 178-2010; 178-3130; 178-3297; others. RoHS and WEEE compliant unless specifically stated or contains customer supplied materials.

Processing: This colorant has been formulated to maintain proper color at the normal processing temperatures for the resin in which it is intended to be used, unless otherwise specified in the Customer's contract Review. If processing temperatures and/or dwell time exceed these norms a color failure may result.



Illuminant/Observer	L*	a*	b*	C*	h
F02 10 Deg	95.48	-0.47	1.78	1.84	104.90
D65 10 Deg	95.43	-0.77	1.70	1.87	114.43
C 10 Deg	95.43	-0.77	1.61	1.78	115.44

The color L.A.B values above are general information and should not be construed as a specification. Color is controlled visually and to a CMC DE of 1.5 or less (except for Special Effect colors, generally designated by a "S" prefix in the color number, or unless otherwise specified in the Customer's Contract Review). Other specifications may be listed on the Customer's Contract Review. The specifications are believed to be accurate but due to the wide application of colorants, specific suitability for any process or part must be determined by the customer under actual conditions. Samples are available for testing purposes.

FRM.079.091614

Your Dreams  Our Colors

Headquarters & Manufacturing • 2245 Pratt Boulevard • Elk Grove Village, Illinois 60007 • 1.800.466.0625
 Pre-color Manufacturing • 2239 Pratt Boulevard • Elk Grove Village, Illinois 60007
 Southeast Manufacturing • 410 Gossett Road • Spartanburg, South Carolina 29307 • 1.877.257.3518