

For more information and technical assistance contact:

Chevron Phillips Chemical Company LP
P.O. Box 4910
The Woodlands, TX 77387-4910
800.231.1212



PREMIUM EXTRUSION AND RIGID PACKAGING RESINS

Marlex® HHM 5502BN

HIGH DENSITY POLYETHYLENE

This high molecular weight, hexene copolymer is tailored for lightweight blow molded containers that:

- Require excellent stiffness
- Require exceptional processability
- Are durable and recyclable for sustainability

This resin meets these specifications:

- ASTM D4976 - PE 235
- FDA 21 CFR 177.1520(c) 3.2a, use conditions B through H per 21 CFR 176.170(c)
- Listed in the Drug Master File

Typical blow molded applications for HHM 5502BN include:

- Ice chests and coolers
- Household and industrial chemical containers
- Food packaging
- Pharmaceuticals

NOMINAL PHYSICAL PROPERTIES ⁽¹⁾	English	SI	Method
Density	---	0.955 g/cm ³	ASTM D1505
Melt Index, 190/2.16	---	0.35 g/10 min	ASTM D1238
Tensile Strength at Yield, 2 in/min, Type IV bar	4,000 psi	27 MPa	ASTM D638
Elongation at Break, 2 in/min, Type IV bar	600%	600%	ASTM D638
Flexural Modulus, Tangent - 16:1 span:depth, 0.5 in/min	200,000 psi	1,370 MPa	ASTM D790
ESCR, Condition B (100% Igepal), F ₅₀	35 h	35 h	ASTM D1693
Brittleness Temperature, Type A, Type I specimen	<-103°F	<-75°C	ASTM D746

1. The nominal properties reported herein are typical of the product, but do not reflect normal testing variance and therefore should not be used for specification purposes. Values are rounded. The physical properties were determined on compression molded specimens that were prepared in accordance with Procedure C of ASTM D4703, Annex A1.

MSDS #240370

Revision Date May, 2007

Another quality product from



Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.

Technical Data Sheet

ONCOLOR WHITE #05-089 (CC10075392)

Color Masterbatch

Product Description

ONCOLOR WHITE #05-089 (CC10075392)

General Key Characteristics

ONCOLOR WHITE #05-089 (CC10075392) is a LL/LDPE based Bead product.

Concentrate

Color	- White
Carrier	- LL/LDPE
Typical Addition Rate	- 2.00 %
Regulatory Information	<ul style="list-style-type: none">- Based upon the information provided to us by our suppliers, we certify that, to the best of our knowledge, the product identified on this data sheet, when used at the recommended use rates, alone should not cause the products manufactured to exceed the limits for heavy metals prescribed under the CONEG Model Toxics Legislation; namely that, except as exempted by that model legislation, the sum of the concentration levels of lead, cadmium, mercury and hexavalent chromium present in any such product or component is not to exceed 100 parts per million by weight (0.01%).- Product may suitable for some FDA applications.- Drug Master File exists for this product.
Food Contact Status	
Drug Master File	

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Technical Data Sheet

ONCOLOR WHITE #05-089 (CC10075392)

Physical

Product Form

- Bead

Packaging

ONCOLOR WHITE #05-089 (CC10075392) is supplied in Bead form and packed in 50 lb. boxes, 250 lb PlanetPak™ boxes, or 1000 lb gaylords. The product should be stored in a dry place and kept free of contamination.

Contact Information

Americas

United States – Avon Lake, Ohio
+1 440 930 1000
Argentina – Buenos Aires
+54 11 4200 5917
Brasil – Campinas
+55 19 3206 0561
Mexico - Toluca
+52 722 279 0200

Asia

China – Shanghai
+86 (0) 21 5080 1188
China – Shenzhen
+86 (0) 755 2969 2888
India – Mumbai
+91 22 2564 0750
+91 9820 194 220

Asia - cont'd

Thailand – Rachatewa, Bangplee
Samutprakarn
+66 (0) 2327 9100

Europe

Belgium – Assesse
+32 (0) 830 660 211
Czech Republic – Praha 1
+42 (0) 224 142 214
Denmark – Glostrup
+45 (0) 43 206 300
France – Saint-Ouen L'Aumone
+33 (0) 134 403 950
France - Tossiat
+33 (0) 474 426 970
Germany - Bendorf
+49 (0) 2622 700 90

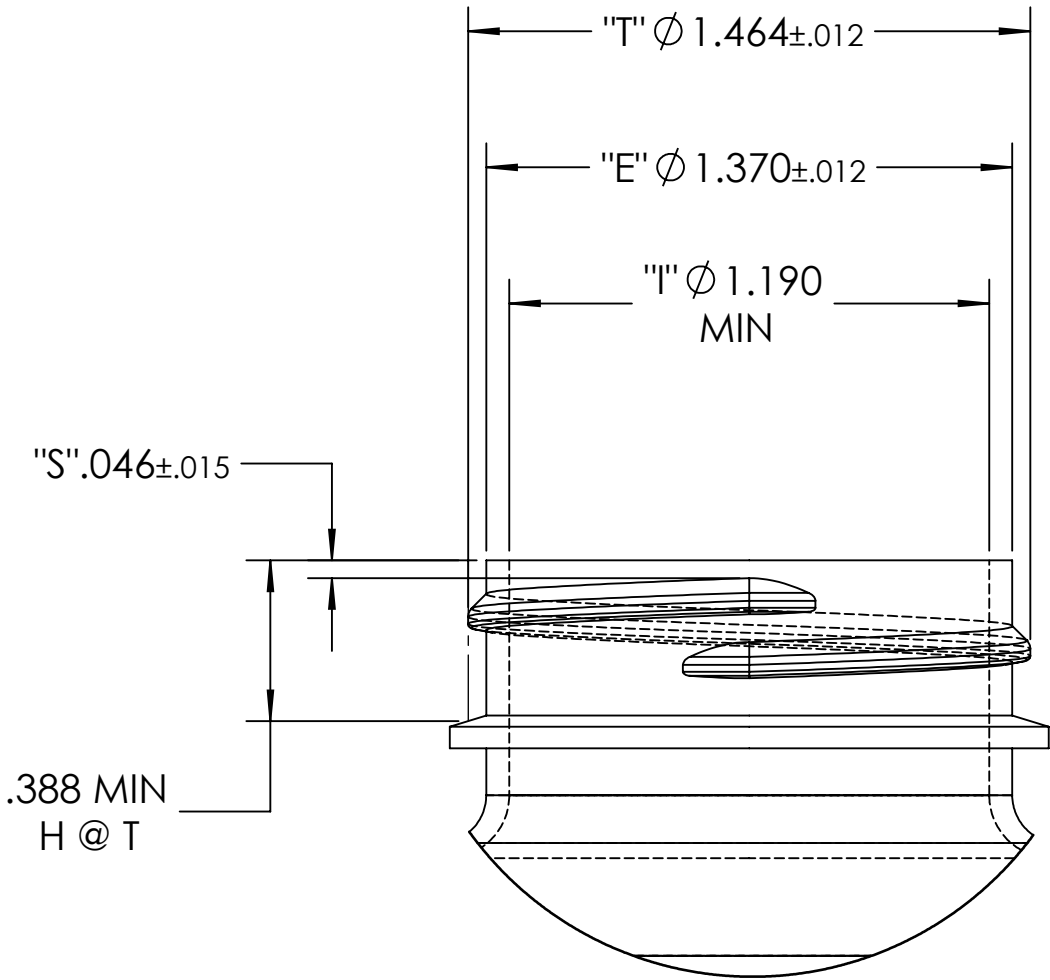
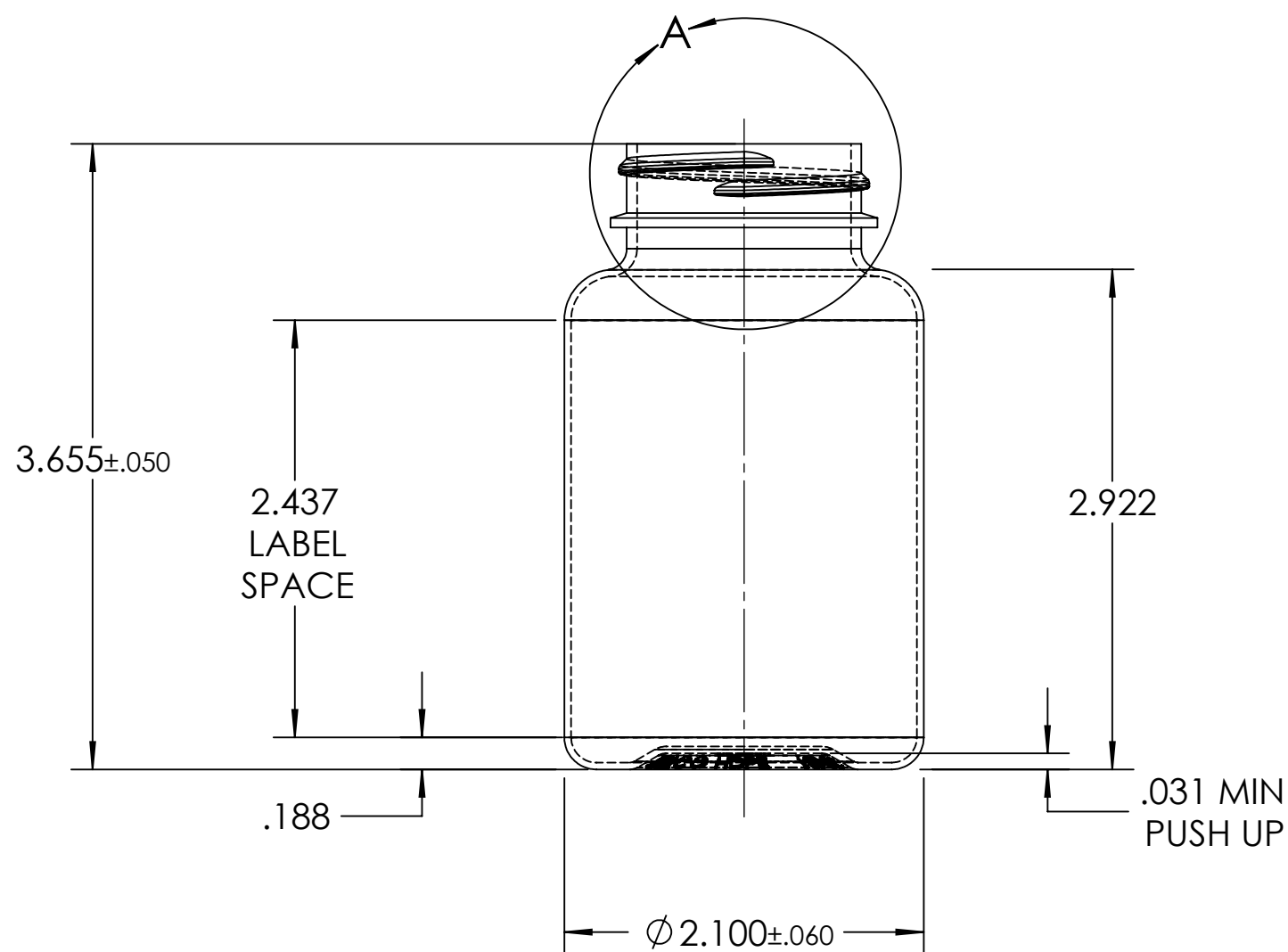
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Italy – Gallarate
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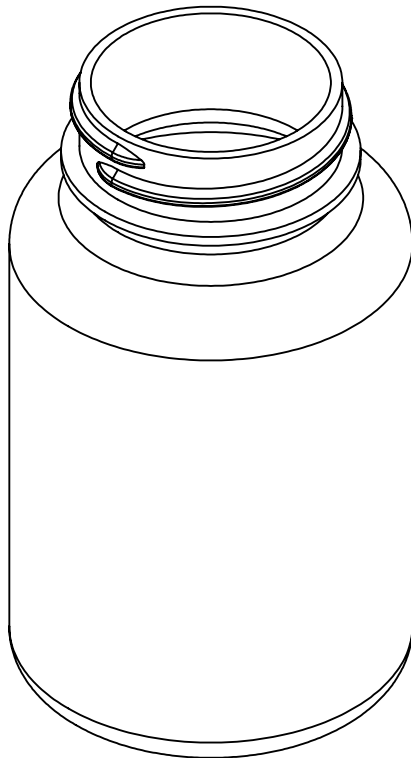
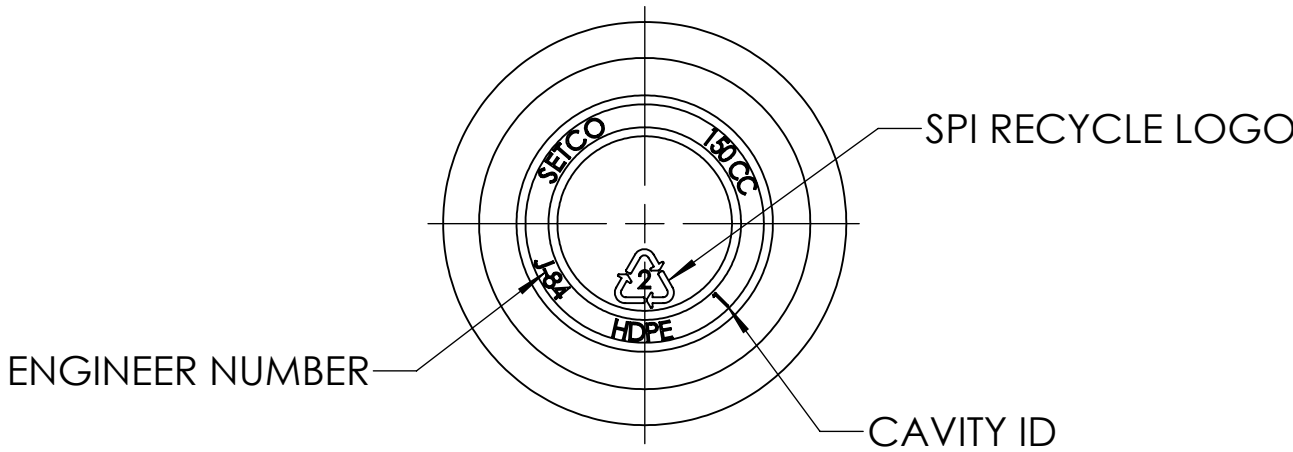
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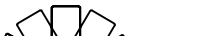

ALL NECK FINISH DIAMETER DIMENSIONS ARE THE AVERAGE OF TWO MEASUREMENTS TAKEN ACROSS THE MAJOR AND MINOR AXIS. THE LIMITS OF OVALITY ARE (.029). MINIMUM WALL THICKNESS THRU LABEL PANEL TO BE (.020).

LET	PER	REVISION	BY	DATE
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DETAIL A
SCALE 2 : 1



REFERENCE	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND MAY NOT BE DISCLOSED TO OTHERS OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM SETCO.	DESIGNED BY	FAB	DATE	11/6/08	
		DRAWN BY	FAB	DATE	11/6/08	
	MATERIAL	WEIGHT	<div><div>A SUBSIDIARY OF </div><div>4875 EAST HUNTER AVENUE, P.O. BOX 68008, ANAHEIM, CA 92817-0808</div></div>			
	HDPE	17.5gms ± 1.5gms				
	DIMENSIONS ARE IN INCHES UNLESS SPECIFIED	OVERFLOW CAPACITY				
	TOLERANCE UNLESS SPECIFIED	161.1cc ± 6cc	TITLE			
			150cc "C" LINE			
EWR 17080097	.XXX ±.031	NECK FINISH	ENG. NO.	DRAWING NO.	REV.	
D99-102	.XX ±	M38SP400	J84-1	800071_D08-048		
	.X ±		WORKS WITH:	FULL AND NOTED		
	FRAC. ±		FINISH	SCALE		