For more information and technical assistance contact:

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P.O. Box 4910
The Woodlands, TX 77387-4910
800.231.1212

MARLEX® POLYETHYLENE

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

Typical blow molded applications for HHM 5502BN include:

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

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

NOMINAL PHYSICAL PROPERTIES[1]	English	SI	Method
Density	---	0.955 g/cm³	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

PolyOne

Technical Data Sheet

ONCOLOR WHITE #05-089 (CC10075392)

Color Masterbatch

Product Description

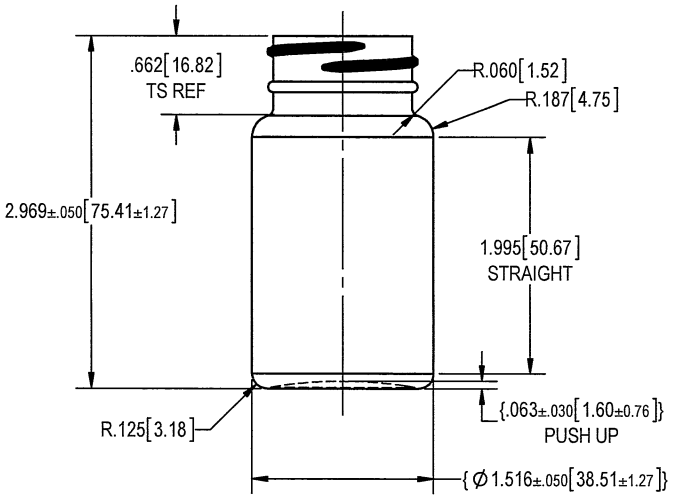
ONCOLOR WHITE #05-089 (CC10075392)

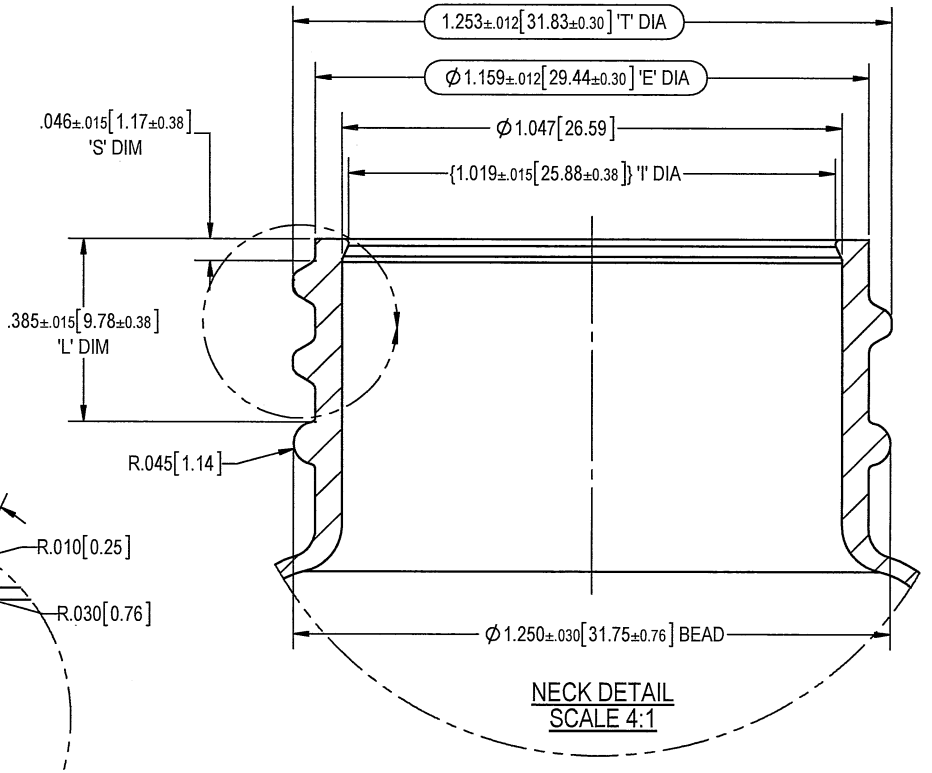
General Key Characteristics

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

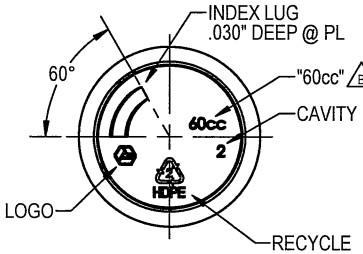
Concentrate

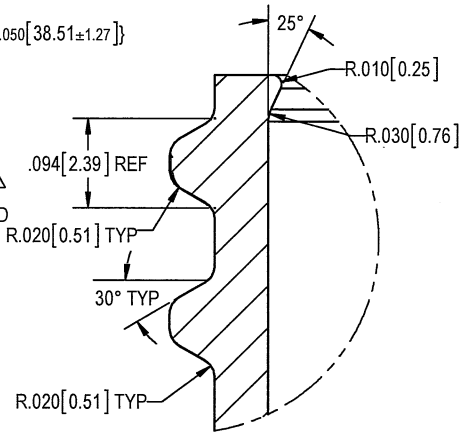
Color	- White
Carrier	- LL/LDPE
Typical Addition Rate	- 2.00 %
Regulatory Information	- Based upon the information provided to us by our suppliers, we certify that, to the best of our knowledge, the product identified on this data sheet, when used at the recommended use rates, alone should not cause 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%).
Food Contact Status	- Product may suitable for some FDA applications.
Drug Master File	- Drug Master File exists for this product.





NECK DETAIL
SCALE 4:1





THREAD DETAIL
SCALE 8:1
SPECIAL 33-400 NECK FINISH
.166 PITCH/6 T.P.I.
"L" STYLE THREAD (1) FULL TURN

NOTES:
1) GRAM WEIGHT: {9.22 GRAMS ± 0.5 GRAMS}
2) O' FLOW CAP'Y :{68.0cc ± 3.0cc}
3) DIMENSIONS SHOWN IN [ ] ARE EXPRESSED IN MILLIMETERS
4) AVERAGE WALL THICKNESS = .035
5) MIN WALL THICKNESS = .012
6) FOR ALL UNSPECIFIED GEOMETRY, REFERENCE 3D MODEL FILE: SK-5961C_60cc Round Packer 33-400 Finish
7) (BOXED) DIMENSIONS ARE CRITICAL TO PART FUNCTION
8) {BRACKETED} DIMENSIONS ARE MAJOR INSPECTION DIMENSIONS

REV.	DESCRIPTION	DATE	APPROVED	DRN BY
C	CUSTOMER TO STOCK	3/22/2016	TRS	KADB1
B	ADDED "60CC" ENGRAVING	1/29/2016	TRS	KAD
A	REVISED AND REDRAWN	8/21/2015	RJH	JB

UNLESS OTHERWISE SPECIFIED
DRAWING IS IN INCHES [MILLIMETERS]
TOLERANCES
2 PLACE DECIMAL ± .010
3 PLACE DECIMAL ± .02
FRACTIONS .25
ANGLES ± °
DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	KAD	07/24/15
CHECKED	MP	08/21/15
ENG APPR.	RJH	03/22/16
MFG APPR.		
Q.A. APPR.		

COMAR®
ONE COMAR PLACE, BUENA, NJ 08310
1801 ANTONIO R BARCELO AVE, CAYEY, PR 00736
141 NORTH 5TH ST, SADDLEBROOK, NJ 07663
3217 PALNE AVE, SHEBOYGAN, WI 53081
9519 JACKSON TRAIL RD, HOSCHTON, GA 30548
9177 CENTER AVE, RANCHO CUCAMONGA, CA 91730

TITLE: 60cc ROUND PACKER
33-400 NECK FINISH

MATERIAL	CUSTOMER	SCALE
HDPE	C STOCK	1x1

COLOR	FINISH
N/A	TBA

DWG. NO.	SIZE	DWG. NO.	SHEET	REV.
MB2195-IBM	B	SK-5961	1 OF 1	C