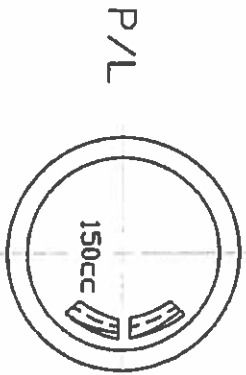
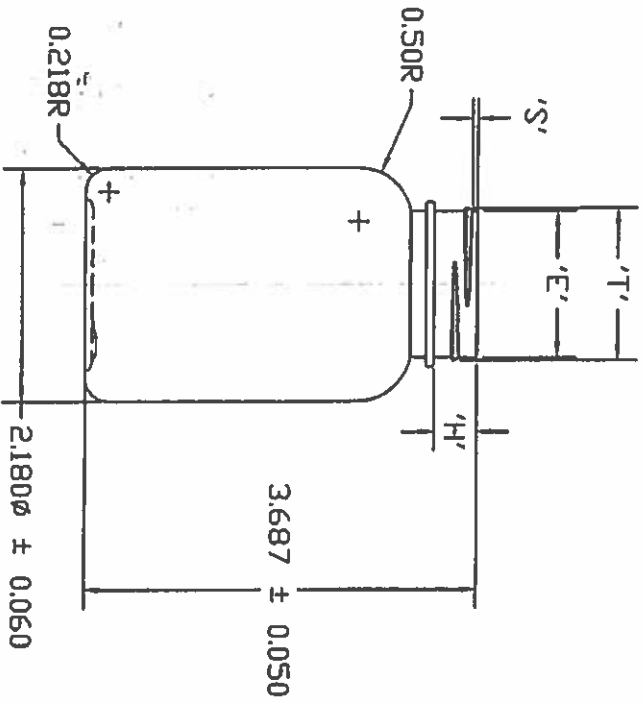


R150G - Regular Series



| REV. | DESCRIPTION | DATE |
|------|--|----------|
| 1 | Corrected weight to 17 ± 1.5g | 07/24/97 |
| 2 | wt. & D'flow tolerance changed | 07/24/97 |
| 3 | Weight tolerance and date format corrected | 12/10/15 |
| 4 | Weight tolerance changed from 1.5g | 02/27/17 |

MEDIPLAST
 a division of Steris® Scientific

| | |
|----------------------------|--------------------------|
| 150cc ROUND | NECK FINISH: 38mm SP-400 |
| MATERIAL: HDPE | WEIGHT: 17 ± 2.5g |
| 'T': 1.464 ± 0.012 | 'E': 1.370 ± 0.012 |
| 'H': 0.403 ± 0.015 | 'S': 0.046 ± 0.015 |
| MIN. WALL THICKNESS 0.017" | |
| D/F CAPACITY: 173.4 ± 6ml | |
| MOLD TYPE: 1.B.M. | |

| | | |
|----------------------|------------|-----------------|
| DIMENSIONS IN INCHES | | SCALE: 1 : 1.79 |
| DATE: 04/27/2000 | DRAWN: MHC | |

DRAWING # T89-941569-1C-C

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 Polyethylene

HIGH DENSITY POLYETHYLENE (HDPE)

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

- Excellent stiffness
- Exceptional processability
- Durability
- Recyclability

This resin meets these specifications:

- ASTM D4976 - PE 235
- FDA 21 CFR 177.1520(c) 3.2a, use conditions B through H per Table 2 off 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 |
| Flow Rate (MI, 190 °C/2.16 kg) | --- | 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), F50 | 24 h | 24 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.

Revision Date: January, 2019

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.



11078 White PE MB

Product Information

Physical Properties

Carrier Resin

| | | |
|------------|------|---------------------------------------|
| Type | LDPE | |
| Melt Index | 8 | (nominal) ASTM D1238, 190°C / 2.16 kg |
| Density | 0.92 | gm/cc |

Masterbatch

| | | |
|------------------|------|---------------------------------------|
| Specific Gravity | 1.51 | (nominal) |
| Melt Index | 5-11 | (nominal) ASTM D1238, 190°C / 2.16 kg |
| Pigment | 50% | (nominal) TiO ₂ |

Regulatory Status

Due to the wide range of applications for this product regulatory information cannot be covered adequately in a technical datasheet.

Please contact RegulatoryNorthAmerica@ampacet.com for regulatory information.

Storage - Shelf Life

It is recommended to use this masterbatch within 24 months of the production date. It should not be stored outside.

Comments

The amount of masterbatch depends on the performance requirements of the final application. This product is primarily designed for film applications.

Issued: 25 May 2017

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DATE ISSUED: July 26th, 2019
 DATE REVISED:

PRODUCT CODE: R150G6-3*
 CUSTOMER CODE:
 GROUP: RD
 SUBGROUP: MD
 PRODUCT TYPE: 150 cc ROUND BOTTLES, 38/400 NECK, 4% WHITE

| ITEM # | DESCRIPTION |
|----------------|--|
| CONTAINER | |
| | TYPE: 150 cc ROUND |
| | HEIGHT: 3.687" +/- 0.050" |
| | WIDTH: 2.180" +/- 0.060" |
| | WEIGHT: 17.0 +/- 2.5g |
| | NECK FINISH: 38/400 |
| 00024 | RESIN: HIGH DENSITY POLYETHYLENE MARLEX 5502 |
| 00142 | COLOURANT: AMPACET WHITE 11078 4% |
| ELECTROTREATED | NO |
| ITEM # | PACKAGING INFORMATION |
| ASSEMBLY | PACKED BOTTLES IN BULK |
| BOX PACKAGED | 350 UNITS PER CASE |
| BAG SIZE: | 01241 46" x 50" |
| CASE SIZE | 01105-44TN SHIPPER MEDIPLAST INJECTION BLOW (USA VERSION) |
| LABELS | 03614 4" x 6" ZEBRA/SATO PRINTERS 03672 SHIPPER LABEL MEDIPLAST - BLUE + RIBBON |
| CASE WEIGHT | CORR 2.95lbs APPROX. 16.06 LBS/CASE (MH) (USA) |
| UNITIZATION | 4 CASES/LAYER WITH 5 ALTERNATING LAYERS TOTAL : 20 CASES/ PALLET |

