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ILLINGTM
P A C K A G I N G

Product Specification Sheet

Illing Part#

3551B

500ML PEARL BLUE HDPE CYLINDER /53-400

Part #: 3551B

Size:	53-400
Color:	Peal Blue
Material:	HDPE
Style:	500ML Cylinder Flamed
Additional Info:	
Case Pack:	216 each
Pallet Pack:	2,592 each

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 5502BZ

HIGH DENSITY POLYETHYLENE

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

- Require consistent mold-release properties
- Require excellent stiffness
- Require exceptional processability
- Are durable and recyclable for sustainability

Typical applications for HHM 5502BZ include:

- Pharmaceuticals
- Injection blow molding

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/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	210,000 psi	1,440 MPa	ASTM D790
ESCR, Condition C (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.

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TECHNICAL DATA

PRODUCT NAME	MB 20-6418
PRODUCT DESCRIPTION	STEEL BLUE PE MB
PRODUCT CODE	M276418
CARRIER RESIN	Linear Low Density Polyethylene Melt Index – nominal 20 g/10 min.
PIGMENT TYPE	~25.5% blend of pigment
REGULATORY	FDA – complies with 21 CFR 177.1520, 178.2010 and 178.3297 as being suitable for food contact applications. HEAVY METALS – none intentionally added Note: As product end use and/or LDR are not always disclosed, we suggest end user perform relevant testing/compliance requirements on their finished article(s) to fulfil applicable regulatory conditions and obligations.

DATE July 2021

This TDS stands until such time changes are made to the formulation and/or regulatory information provided above.

Supply chain solutions:
Plastics. Sulphur Products.

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