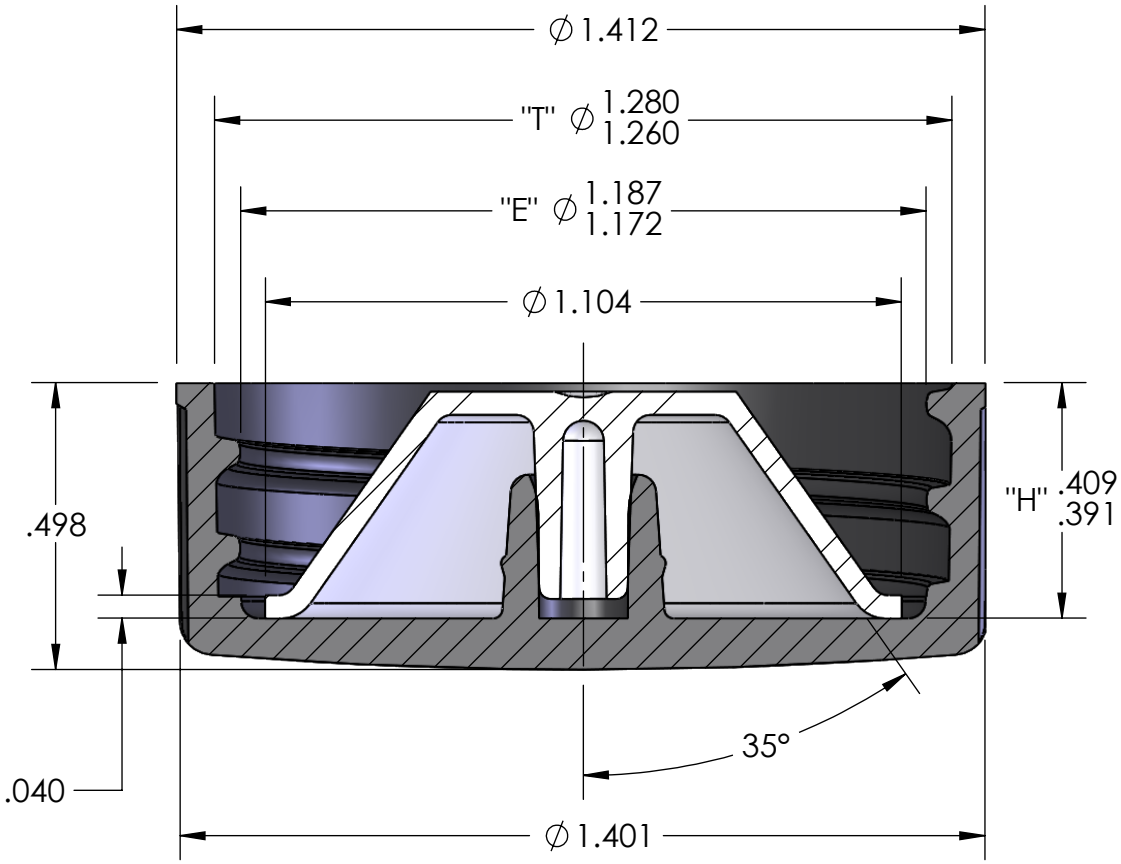
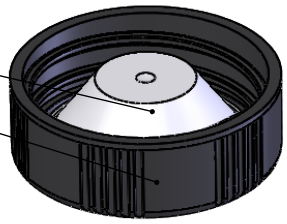


SECTION A-A

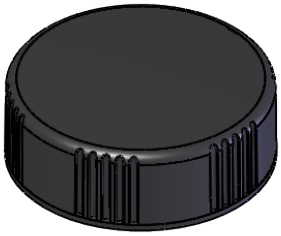
LDPE TAPERSEAL LINER
CF00120

SEE STANDARD CLOSURE OPTIONS (OTHER COLORS AVAILABLE UPON REQUEST)



SCALE 1:1

**RECOMMENDED GLASS BOTTLE "I" DIAMETER MIN-MAX .901"-.946"



SCALE 1:1

DISCLAIMER

THIS INFORMATION IS PROVIDED AS A GENERAL GUIDE, INCLUDING DIMENSIONS. IT IS THE CUSTOMER'S RESPONSIBILITIES TO SELECT THE PROPER CONTAINER FOR PRODUCT AND APPLICATION COMPATIBILITY.

DISTRIBUTED BY: Pipeline Packaging

REF NO.: DWG31560

DESCRIPTION: 33-400 Black PP Phenolic Ribbed Cap w/ Poly Seal Liner

DATA REPORT
02567
Single-Stage Phenolic
compression molded

02567 is a general purpose, organic filled phenolic molding compound offering excellent cosmetic characteristics as typically required for vacuum metalized closures. UL recognized under component file E40654. 02567 is available in black or red color. 02567 Black is not intended for electrical insulating applications.

PROPERTY	metric	english	ASTM Test Method
Form	granular		
Apparent Density	0.61 g/cm³	37.9 lb/ft³	D1895
Specific Gravity	1.39		D792
Mold Shrinkage	0.0041 m/m	0.0041 in/in	D6289
Post Shrinkage 72hr 120°C	0.40 %		D6289
Izod Impact Notched	15.2 J/m	0.28 ft·lb/in	D256
Charpy Impact Notched	18.7 J/m	0.35 ft·lb/in	D256
Drop Ball Impact	102 J/m	1.9 ft·lb/in	Plenco
Tensile Strength	62 MPa	8,971 psi	D638
Tensile Modulus	7,959 MPa	1,154,000 psi	D638
Tensile Elongation	0.9 %		D638
Flexural Strength	90.8 MPa	13,174 psi	D790
Flexural Modulus	7,372 MPa	1,069,000 psi	D790
Compressive Strength	215 MPa	31,114 psi	D695
Heat Resistance	203 °C	398 °F	D794
Deflection Temperature 1.82MPa	185 °C	366 °F	D648
Water Absorption	0.48 %		D570
Rockwell Hardness	84 E scale		D785
Dielectric Strength short time	12.9 kV/mm	327 V/mil	D149
Dielectric Strength Step	9.5 kV/mm	242 V/mil	D149
Dissipation Factor, 1MHz	0.041		D150
Permittivity, 1MHz	5.4		D150
Volume Resistivity	3.0E+13 ohm·cm	1.2E+13 ohm·in	D257
ASTM Arc Resistance	87 sec		D495
Comparative Tracking Index	175 V		D3638
UL Flammability	HB @1.50mm		UL 94
Oxygen Index	29.0 %		D2863
Thermal Expansion	6.3E-05 /°C	3.5E-05 /°F	E831
Thermal Conductivity 100°C	0.37 W/m/°C	0.22 Btu/hr/ft/°F	E1461

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REF NO.: DWG31560

DESCRIPTION: 33-400 Black PP Phenolic Ribbed Cap w/ Poly Seal Liner

Marlex® 1122B

XXXXXXXX - Low Density Polyethylene

Tuesday, December 29, 2015

General Information

General			
Material Status	• Commercial: Active		
Availability	• Latin America	• North America	
Features	• Autoclavable • Food Contact Acceptable	• Good Flexibility • Homopolymer	• Medium Flow • Warp Resistant
Uses	• Closures	• Medical/Healthcare Applications	
Agency Ratings	• ASTM D 4976-PE113	• FDA 21 CFR 177.1520(c) 2.2	
Forms	• Pellets		
Processing Method	• Extrusion		

ASTM & ISO Properties 1

Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.1	g/10 min	ASTM D1238

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength 2 (Yield)	1450	psi	ASTM D638
Tensile Elongation 2 (Break)	500	%	ASTM D638
Flexural Modulus - Tangent [3]	39200	psi	ASTM D790

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	50		ASTM D2240

Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -103	°F	ASTM D746A
Vicat Softening Temperature	199	°F	ASTM D1525 4

Notes

[1] Typical properties: these are not to be construed as specifications.

[2] Type IV, 2.0 in/min

[3] 0.50 in/min

[4] Rate A (50°C/h), Loading 1 (10 N)

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DESCRIPTION: 33-400 Black PP Phenolic Ribbed Cap w/ Poly Seal Liner