



# FPT300F

## Homopolymer Polypropylene

- Good Mold Release, Excellent Part Finish (Low Bloom)
- Suggested Uses Include Housewares, Caps and Closures, Mugs / Cups, Thin-Walled Containers

Property	Units	Typical Value	Test Method
Nominal Melt Flow Rate (230°C/2.16kg)	g/10 min	30	ASTM D1238
Tensile Strength at Yield (2 in/min, 50 mm/min)	psi MPa	4,800 33	ASTM D638
Elongation at Yield (2 in/min, 50 mm/min)	%	10	ASTM D638
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	psi MPa	200,000 1,379	ASTM D790A
Notched Izod Impact Strength at 23°C	ft-lbs/in J/m	0.7 37	ASTM D256A
Rockwell Hardness	R	104	ASTM D785


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For cautions and other information relating to handling of  
and exposure to this product, please see material safety  
data sheet code number C4001 published by Braskem.

550 Technology Drive  
Pittsburgh, PA 15219  
1-800-223-8871

Revision Date: Monday,  
March 23, 2009

[www.braskem.com](http://www.braskem.com)

	<b>Raw Material Product Data Sheet</b>	
	<b>Product Name:</b> MRPBK01	<b>Revision #:</b> A
	<b>Revision Date</b>	August 14, 2019
	<b>Effective Date</b>	October 14, 2019

**Product Name:**

MRPBK01

**Product Description:**

FDA Compliant black colorant intended to be used with injection-molded plastic resin

**Product Data:**

Additives None

<u>Typical Properties</u>	<u>Typical Value</u>
Delta E Tolerance	Less than 2.00
Visual Evaluation	Visual match to approved color standard

**FDA Compliance/Status**

FDA, Title 21 CFR Food & Drug Contact	<input checked="" type="checkbox"/> Compliant	<input type="checkbox"/> Not
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This colorant formulation has been manufactured using FDA approved ingredients and, when used appropriately (with an FDA approved resin), will meet FDA contact applications regulated under the provisions of the Food, Drug, and Cosmetic Act (and subsequent amendments as outlined in Title 21 of the Code of Federal Regulation).

**Additional Compliance/Status (and amendments as of the date of this document)**

Proposition 65, Safe Drinking Water and Toxic Enforcement Act	<input checked="" type="checkbox"/> Compliant	<input type="checkbox"/> Not
CONEG, Model Toxics in Packaging Legislation	<input checked="" type="checkbox"/> Compliant	<input type="checkbox"/> Not
EU 2015/863, as regards the list of restricted substances, RoHS	<input checked="" type="checkbox"/> Compliant	<input type="checkbox"/> Not

For further regulatory information, please contact Mold Rite Plastic's customer service or sales department.

*This product data sheet addresses all colorants that meet the above requirements & specifications. Data was obtained from supplier product data sheets (where applicable). This data is intended to be used as a guide only. It is ultimately the customer's responsibility to determine the suitability of the material for their specific application, and to be responsible for assuring compliance with all applicable laws and regulations.*



Freshness and Protection for Today's Packaging

# FoilSeal™ Technical Data Sheet

## .020" PS Foam FS 5-4

Revision: FS54-08202013

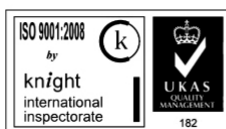
<b>Product</b>	.020" PS Foam FS 5-4																	
<b>Scope</b>	One piece foam backed heat induction foil innerseal which combines ease of removal with tamper-evident properties. It is suggested for sealing to PE, PP, PET, PVC, PS and properly treated glass containers. This material will vent gas through the paper layer and is suggested for use on dry products only.																	
<b>Composition</b>	<table border="1"> <thead> <tr> <th>Material</th> <th>Standard</th> <th>Metric</th> </tr> </thead> <tbody> <tr> <td>Backing</td> <td>.020"</td> <td>.508 mm</td> </tr> <tr> <td>Foil</td> <td>.001"</td> <td>.0254 mm</td> </tr> <tr> <td>Paper</td> <td>.002"</td> <td>.0508 mm</td> </tr> <tr> <td>Heat Seal</td> <td>.0015"</td> <td>.0381 mm</td> </tr> </tbody> </table>	Material	Standard	Metric	Backing	.020"	.508 mm	Foil	.001"	.0254 mm	Paper	.002"	.0508 mm	Heat Seal	.0015"	.0381 mm		
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Foil	.001"	.0254 mm																
Paper	.002"	.0508 mm																
Heat Seal	.0015"	.0381 mm																
Adhesive or resin bonding layers not shown.																		
<b>FDA Status:</b> 21 CFR 177.1210	<b>Recommended Storage and Handling:</b> Refer to Website.																	
<b>Drug Master File (DFM):</b> #4544	<b>EU / EP Reg.:</b> Does not meet Article 3a of Reg. No. 2023/2006 and Article 3 of Reg. No. 1935/2004.																	
<b>GTR Oxygen:</b> 77.0 cc Oxygen/100 IN2 * 24hrs. @ 100° F, ASTM F-1249	<b>MVTR:</b> 0.371 gm water/100IN2 * 24 hrs. @ 75° F, ASTM F-2622-08																	
<b>Sealing to glass containers:</b> Selig can not guarantee the performance or seal integrity of this materials when applied to any glass (treated or untreated) container. We suggest you contact your glass supplier for recommendations on glass treatments that may or may not improve performance or seal integrity.																		
<b>Print Location (if any):</b> Foil Layer and/or Heat Seal Layer																		

Selig materials are compliant with current USFDA Food allergen Guidelines.  
 Selig materials are compliant with California Proposition 65 labeling requirements.  
 Selig materials are compliant with limitation of heavy metals in packaging per CONEG & EU 94/62/EC, article 11.  
 Recommended for use with dry food products. Is not suitable for use with fatty or alcoholic food types per ECC Reg. № 10/2011. Determining specific organoleptic compatibility per Article 3a of ECC Reg. № 2023/2006 is the responsibility of the food packager.  
 MSDS's are not required as Selig is not a chemical manufacturer or distributor and our products are 'articles' intended for food packaging per 29 CFR 1910.1200 (HazCom).

The information contained within this product data bulletin is to be used as a general guide in determining which structures are offered for sealing to specific container materials. All of the information which we provide is reliable to the best of our knowledge, but the accuracy thereof is not guaranteed. We suggest that consumers determine suitability for their own application.

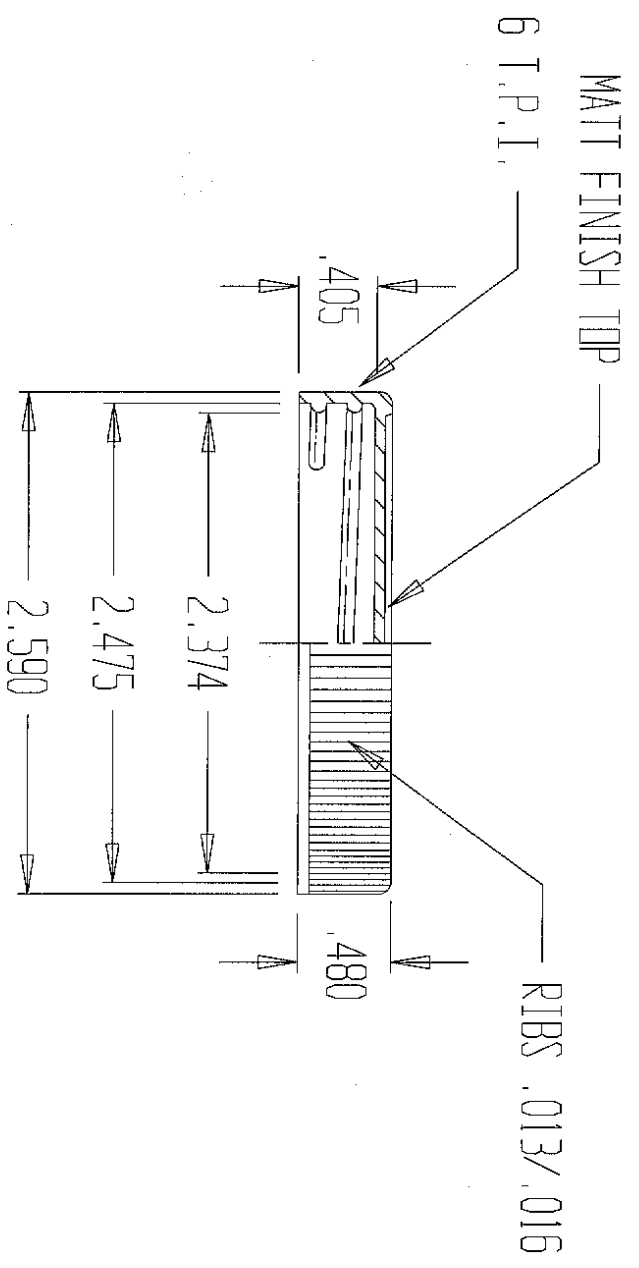
www.seligsealing.com

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REVISIONS			DESCRIPTION
REV.	DATE	APPROVAL	DESCRIPTION
1	12-04-03	G.G.	Weight tolerance, "Y" dimension

**APPROVED**  
 DEC 05 2003  
*Mattew P. Beck*  
 Quality Assurance  
 Mold-Rite Plastics



"I"	"E"	"H"	"A"	"B"
2.475	2.374	.405	2.590	.480

MATERIAL: POLYPROPYLENE

WEIGHT: 7.0 GRAMS +/- 1.5 grams

**R.M.63 M.M./400 CAP**  
 MOLD-RITE PLASTICS INC.  
 PLATTSBURGH, NEW YORK

TOLERANCE: +/- .010  
 SCALE: FULL DATE: 3-17-97  
 DRAWN BY: P.D.T.  
 DRAWING NO. C-4014



DRAWING REVISION PAGE

SUBJECT: RM-63MM-400 CAP

DOC: C-4014

December 5, 2003

REV LEVEL	REV DATE	DESCRIPTION OF CHANGE
1	Dec. 05, 2003	Drawing requires update. Changed E=2.374 to match actual product. Added weight tolerance of +/-1.5 grams. No Tooling Change.