

## ITEM OPPORTUNITY SYNOPSIS:

Item to be Scouted

Supplier Scouting Number

NAICS Code, if known

<b>TECHNICAL INFORMATION:</b>	<b>1. Describe the Item:</b>	
		<b>a. Please describe the item application/ the end use of item.</b>
	<b>2. Summary of Technical Specifications and Performance Requirements:</b>	<b>b. Provide the item number if applicable: (N95 Mask vs Protective Mask).</b>
		<b>a. Provide dimensions / size / tolerances / performance specifications for the item.</b>
	<b>b. List required materials needed to make the product, including materials of product components, if applicable.</b>	
	<b>c. Are there applicable certification requirements to supply this item? (i.e. ISO certification) Are there any applicable regulations that apply to the production of this item? (i.e. FDA regulations or EPA regulations) Are there any other standard requirements? (i.e. ASME Standard, IEEE Standard) Please specify.</b>	
	<b>d. Describe the manufacturing processes (elaborate to provide as much detail as possible).</b>	
	<b>e. Additional Comments: Is there other information that would impact the item's performance or usefulness? Please explain.</b>	

<b>BUSINESS INFORMATION:</b>		<b>f. Potential Business Volume Estimate (i.e., # Units Per Day, Month, Year):</b>
		<b>g. Target Price / Unit Cost Information:</b>
	<b>3. Delivery Requirements:</b>	<b>a. When is it needed by? (Immediate, 30 Days, 6 months, etc.)</b>
<b>b. Describe packaging requirements (i.e., individually/ group packaging).</b>		
	<b>c. Where is this opportunity located? Is there a preferred shipping proximity - if applicable?</b>	
<b>4. Additional Comments:</b>	<b>a. Opportunities will be posted for 30 days unless another timeframe is given below</b>	
	_____ days	
	<b>b. Is there other information you would like to include?</b>	

Photos or diagrams of the item (helpful but not required).

**Wiman ET-58887  
Polyether Urethane  
Polyether Urethane Film**

<b>Physical Properties</b>	<b>Value</b>	<b>Units</b>	<b>Test Method</b>
Specific Gravity	1.12	g/cm <sup>3</sup>	ASTM D 792
Durometer	87	Shore A	ASTM D 2240
Tg <sup>1</sup>	-49	°F	DSC
Tm <sup>1</sup>	284	°F	DSC
Vicat Softening Point <sup>1</sup>	201	°F	ASTM D 1525
<b>Mechanical Properties</b>			
Tensile Strength <sup>2</sup>			ASTM D 638
(MD)	4700	psi (lbf/in <sup>2</sup> )	
(CD)	4600	psi (lbf/in <sup>2</sup> )	
Elongation @ Break <sup>2</sup>			ASTM D 638
(MD)	1000	%	
(CD)	1100	%	
Modulus @ Break <sup>2</sup>			ASTM D 638
(MD)	1900	psi (lbf/in <sup>2</sup> )	
(CD)	1700	psi (lbf/in <sup>2</sup> )	
Tear Strength <sup>1</sup>	500	lbf/in	ASTM D 624 (die C)
Taber Loss (1000 rev.) <sup>1</sup>	0.00141	oz	ASTM D 3389 (H18, 1000g)

**Property Notes**

- This compound is a non-PVC product and contains no plasticizers
- The resin used to produce ET- 58887 complies with FDA CFR 177.2600 and 177.1680 for wet and dry food contact applications
- The resin used to produce ET- 58887 is listed under NSF Article 61
- 1) These properties are based on the compound datasheet supplied by the resin manufacturer and have not been verified by Wiman Corporation.
- 2) The above mechanical property data are based on an extruded sheet at 0.040" (40 mils)

· Revised: 6/6/14 (RJE)

This information is intended to be used only as a guideline for designers and processors of modified thermoplastics. Because design and processing is complex, a set solution will not solve all problems. Observation on a "trial and error" basis may be required to achieve desired results.

Data are obtained from specimens extruded under carefully controlled conditions from representative samples of the compound described herein. Properties may be materially affected by the size and shape of the item as well as environmental conditions. No assurance can be implied that all articles will have the same properties as those listed.

No information supplied by the Wiman Corporation constitutes a warranty regarding product performance or use. Any information regarding performance or use is only offered as suggestion for investigation for use, based upon the Wiman Corporation or other customer experience. The Wiman Corporation makes no warranties, expressed or implied, concerning the suitability or fitness of any of its products for any particular purpose. It is the responsibility of the customer to determine that the product is safe, lawful and technically suitable for the intended use. The disclosure of information herein is not a license to operate under, or a recommendation to infringe any patents.

