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## SHEFFIELD PLASTICS VIVAK<sup>®</sup> Copolyester Sheet

<u>PRODUCT DESCRIPTION:</u>	VIVAK <sup>®</sup> sheet in heavy gauges is manufactured for non-optically critical thermoforming applications including prosthetics.						
<u>GAUGES:</u>	.250" - .500"						
<u>GAUGE TOLERANCE:</u>	+/- 10% of nominal						
<u>TOLERANCE:</u>	Width: + 1/4", - 0 Length: + 1/4", - 0 Standard Size Overage: + 3/8"						
<u>WARP:</u>	Sheet to be flat within 1/2" when measured with the sheet placed on a flat surface.						
<u>SQUARE:</u>	1/4" maximum						
<u>COLORS:</u>	Not Available						
<u>SURFACE FINISH:</u>	Smooth both sides. Mottled appearance is acceptable on gauges above .250".						
<u>INTERNAL DEFECTS:</u>	Bubbles and carbon particles: None greater than .0625" diameter—no clusters or chains. <table><thead><tr><th><u>Defect Size (Dia.)</u></th><th><u>Limit No. *</u></th></tr></thead><tbody><tr><td>.032" - .0625"</td><td>4</td></tr><tr><td>&lt;.032"</td><td>Allowed and Not counted</td></tr></tbody></table> <p>(*) Limit No. - Average per square foot of an 8 ft<sup>2</sup> sample. Defects shall not exceed limit number by more than a factor of three in any one square foot.</p>	<u>Defect Size (Dia.)</u>	<u>Limit No. *</u>	.032" - .0625"	4	<.032"	Allowed and Not counted
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.032" - .0625"	4						
<.032"	Allowed and Not counted						
<u>EXTERNAL DEFECTS:</u>	Surface pitting is common and the allowable level is the same as noted for internal defects. Surface dimples / indentations are allowed.						
<u>SCRATCHES:</u>	None through or under masking.						
<u>CROSSLINES AND DISTORTION:</u>	Minimum rating—six (6) using Sheffield Test Method.						