

## ANTI-STATIC THERMOFORMING RIGID PVC– 600 SERIES

The 600 Series is a thermoforming grade product specifically designed for low ESD sensitive component packaging applications. The product has superb visual characteristics and excellent clarity and sparkle. The thermoforming properties of the product are carefully controlled to limit the tendency to form webs in difficult applications.

All 600 series products are available in the standard colours clear, natural, and neutral.

Property	Units	Test Method	600 series 604
<b>Specific Gravity</b>	g/cm <sup>3</sup>	ASTM D792	1.33
<b>Tensile Strength at Yield, MD</b>	psi	ASTM D 882	6400
<b>Approximate Nominal Yield</b>	in <sup>2</sup> /lb / mil	Calculated	
<b>Elongation at Break @ 120 °C</b>	%	ASTM D 882	
MD:			140
TD:			160
<b>Tensile Impact</b>	ft.lb/in <sup>2</sup>	ASTM D 1822	270-290
<b>Izod Impact @ 23 °C (1/8")</b> (20" / minute)	ft.lb/in notch	ASTM D 256	
<b>Gardner Impact Test</b> (Mean Failure Energy)	in.lb./mil	ASTM D 5420	3.9 ± 0.3
Static Decay	Seconds	EIA 541, Fed. Std. 101, Method 4046	<2
<b>Cold Break Temperature</b>		ASTM D 1790	
	°F		-13
	°C		-25
<b>Heat Distortion Temperature</b>		ASTM D 648	
	°F		160
	°C		71
<b>Haze</b>	%	ASTM D 1003	2.0
<b>Surface Resistivity</b>	Ohms/Sq	ASTM D 257	<1 x 10 <sup>12</sup>
<b>Calculated Nominal Yield</b>	in <sup>2</sup> /lb	ASTM D 4321	
10 mil			2073
15 mil			1391
20 mil			1036
30 mil			695
<b>Elastic Modulus</b>	psi	ASTM D 882	
MD:			N/A
TD:			N/A
<b>Thickness Range</b>			N/A
<b>Thickness Specification</b>	%		± 5%
<b>Standard Roll Format</b>			20" OD Rolls on 3" cores
<b>Slit Width Tolerance</b>	inch		± 5/64
<b>Maximum Roll Width</b>	inch		72

Special Note: The information contained herein is believed to be reliable. It is offered in good faith but does not constitute warranty or guarantee. Since conditions and methods of use of our product are beyond our control, it is the responsibility of the end user to determine suitability of the material for its intended application. All test data obtained from unformed material.