

## GENERAL PURPOSE FROSTED NON-THERMOFORMING RIGID PVC 300 SERIES

The 300 series is a frosted grade product designed for non-thermoforming applications. The product has superb visual characteristics with very low flow lines. The finish of the product as a gloss/dull frosted finish.

All 300 series products are available in the standard colours clear and natural. Rolls can also be ordered in translucent and opaque colours.

Property	Units	Test Method	300 series	
			304	306
<b>Specific Gravity</b>	g/cm <sup>3</sup>	ASTM D792	1.34	1.33
<b>Tensile Strength at Yield, MD</b>	psi	ASTM D 882	6200+	6200+
<b>Approximate Nominal Yield</b>	in <sup>2</sup> /lb / mil	Calculated	20,650	20,800
<b>Elongation at Break @ 120 °C</b>	%	ASTM D 882		
MD:			300	320
TD:			300	310
<b>Tensile Impact</b>	ft.lb/in <sup>2</sup>	ASTM D 1822	200-250	250-300
<b>Izod Impact @ 23 °C (1/8")</b> (20" / minute)	ft.lb/in notch	ASTM D 256	14-18	18-22
<b>Gardner Impact Test</b> (Mean Failure Energy)	in.lb./mil	ASTM D 5420	3.9 ± 0.3	4.1 ± 0.2
<b>Cold Break Temperature</b>		ASTM D 1790		
	°F		-13	-31
	°C		-25	-35
<b>Heat Distortion Temperature</b>		ASTM D 648		
	°F		160	158
	°C		71	70
<b>Haze</b>	%	ASTM D 1003	2.0	2.0
<b>Gloss (85°)</b>	-	ASTM D 2457	105	105
<b>Elastic Modulus</b>	psi	ASTM D 882		
MD:			310,000	310,000
TD:			320,000	310,000
<b>Thickness Range</b>			0.005" to 0.040"	0.005" to 0.040"
<b>Thickness Specification</b>	%		± 5%	± 5%
<b>Standard Roll Format</b>			20" OD Rolls on 3" and 6" cores	20" OD Rolls on 3" and 6" cores
<b>Slit Width Tolerance</b>	inch		± 5/64	
<b>Maximum Roll Width</b>	inch		72	72