

GENERAL PURPOSE DENESTING THERMOFORMING RIGID PVC - 930 SERIES

The 930 series is a thermoforming grade product designed for high speed packaging applications where easy part separation is required. 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. Depending on design of the formed part and the environment the product is used, two different grades are available.

All 930 series products are available in the standard colours clear, natural, and neutral. Rolls can also be ordered in translucent and opaque colours. The material can be supplied uncoated, one side coated, or two side coated as required.

Property	Units	Test Method	930 series	
			934	936
Specific Gravity	g/cm ³	ASTM D792	1.34	1.33
Tensile Strength at Yield, MD	psi	ASTM D 882	6200+	6200
Approximate Nominal Yield	in ² /lb / mil	Calculated	20,650	20,800
Elongation at Break @ 120 °C	%	ASTM D 882		
MD:			300	320
TD:			300	310
Tensile Impact	ft.lb/in ²	ASTM D 1822	200-250	250-300
Izod Impact @ 23 °C (1/8") (20" / minute)	ft.lb/in notch	ASTM D 256	14-18	18-22
Gardner Impact Test (Mean Failure Energy)	in.lb./mil	ASTM D 5420	3.9 ± 0.3	4.1 ± 0.2
Cold Break Temperature		ASTM D 1790		
	°F		-13	-31
	°C		-25	-35
Heat Distortion Temperature		ASTM D 648		
	°F		160	158
	°C		71	70
Haze	%	ASTM D 1003	2.0	2.0
Gloss (85°)	-	ASTM D 2457	105	105
Elastic Modulus	psi	ASTM D 882		
MD			310,000	310,000
TD			320,000	310,000
Thickness Range			0.005" to 0.045"	0.005" to 0.045"
Thickness Specification	%		± 5%	± 5%
Standard Roll Format			20" OD Rolls on 3" and 6" cores	20" OD Rolls on 3" and 6" cores
Slit Width Tolerance	inch		± 5/64	± 5/64
Maximum Roll Width	inch		72	72