

GENERAL PURPOSE DEEP DRAW THERMOFORMING RIGID PVC – 910 SERIES

The 910 series is a thermoforming grade product specially designed for deep draw 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. Depending on design of the formed part and the environment the product is used, four different grades are available.

All 900 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	910 series 914
Specific Gravity	g/cm ³	ASTM D792	1.34
Tensile Strength at Yield, MD	psi	ASTM D 882	6200+
Approximate Nominal Yield	in ² /lb / mil	Calculated	24,700
Elongation at Break @ 120 °C	%	ASTM D 882	
MD:			360
TD:			360
Tensile Impact	ft.lb/in ²	ASTM D 1822	200-250
Izod Impact @ 23 °C (1/8") (20" / minute)	ft.lb/in notch	ASTM D 256	14-18
Cold Break Temperature		ASTM D 1790	3.9 ± 0.3
	°F		-13
	°C		-25
Heat Distortion Temperature		ASTM D 648	
	°F		160
	°C		71
Haze	%	ASTM D 1003	2.0
Gloss (85°)	-	ASTM D 2457	105
Elastic Modulus	psi	ASTM D 882	
MD			372,000
TD			384,00
Thickness Range			0.005" to 0.040"
Thickness Specification	%		± 5%
Standard Roll Format			20" OD Rolls on 3" and 6" cores
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Slit Width Tolerance	inch		± 5/64
Maximum Roll Width	inch		72

The data contained in this table is based upon engineering estimates.