



# Physical Property Comparison

FEATURES	POLYBAK PB42	POLYBAK PB67VNR Veneer applications	POLYBAK PB69	POLYBAK PB69VNR Veneer applications	POLYBAK PB90	POLYBAK PB90HP High Performance	Typical High Pressure Laminate Backer	Typical Saturated Kraft Paper Backer
Nominal Thickness (inches)	0.011	0.015	0.020	0.020	0.024	0.024	.02—0.028	.017—.037
Density (lbs/cu ft)	64	65	66	61	69	76	75	36—44
Tensile MD (Machine Direction psi)	16,400	12,200	15,100	8,100	15,700	18,100	19,100	4,600—7,500
Tensile CD (Cross Direction psi)	7,000	7,500	7,900	6,900	8,000	8,700	11,000	3,000—4,250
Dimensional Stability % Water absorption in 50-90% relative humidity	6%	7%	7%	7%	8%	7%	3%	unknown
Water Absorption % Weight gained w/2-hour soak	32%	27%	30%	32%	24%	22%	16%	71—84%
Volatile Content (%)	0	0	0	0	0	0	unknown	2—9%
Color	Dark Brown	IVORY	Dark Brown	Dark Brown	Dark Brown	Dark Brown	Dark Brown	Dark Brown or Black

**“Try PolyBak and you’ll never switch back”**