



P.T. EMBLEM ASIA

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General Properties of “EMBLEM 1500 ”

Properties	Test Method	Unit	ON ONBC	ONM ONMB
Thickness	Dial gauge	μ m	15	15
Tensile Strength	ASTM D 882 68 °F (20 °C) 65% RH	MPa	230	230
Elongation	ASTM D 882 68 °F (20 °C) 65% RH	%	70 - 110	70 - 110
Tensile Modulus	ASTM D 882 68 °F (20 °C) 65% RH	GPa	1.6	1.6
Tear Propagation Resistance	ASTM D 1938 68 °F (20 °C) 65% RH	g	3	3
Pin-hole Strength	Pin radius 0.5 mm Test speed 100 mm/min	g	970	970
Haze	ASTM D1003 68 °F (20 °C) 65% RH	%	4	4
Shrinkage	for 5 min. in boiling water at 212 °F (100 °C)	%	< 3.0	< 3.0
Shrinkage	for 5 min. in air circulating oven at 320 °F (160°C)	%	< 2.0	< 2.0
Water Vapor Transmission Rate	ASTM E 96 104 °F (40°C) 90% RH	g/m ² /day	260	260
O ₂ Gas Transmission Rate	ASTM D 3985 68 °F (20 °C) 100% RH	ml/m ² /day/MP a	940	940
Coefficient of friction	ASTM D 1894 68 °F (20 °C) 65% RH	-	0.8 – 0.9	0.8 – 0.9
Wetting Tension	ASTM D2578	dyne/cm	54	46

These data described herein are for information only.