



KUREHA CORPORATION

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## Product Information

Date : September 25, 2008

### *Krehalon* CB-100

Properties	English Values		Metric Values		Test Method
	Unit	Value	Unit	Value	Value
Average Thickness	mil	0.40	μm	10.2	-
Yield	in <sup>2</sup> /lb	41200	m <sup>2</sup> /kg	58	(calc.)
Oxygen Transmission Rate @ 23°C dry	cm <sup>3</sup> ·mil /100in <sup>2</sup> ·day·atm	2.52	cm <sup>3</sup> ·μm /m <sup>2</sup> ·day·atm	1000	ASTM D 3985
Water vapor Transmission Rate @ 40°C 90% RH	g·mil/100in <sup>2</sup> ·day	0.48	g·μm /m <sup>2</sup> ·day	189	ASTM F 1249
Ultimate Tensile Strength					
MD	lb/in <sup>2</sup>	11200	MPa	78	ASTM D 882
TD	lb/in <sup>2</sup>	13500	MPa	118	
Ultimate Elongation					
MD	%	46	%	46	ASTM D 882
TD	%	50	%	50	
2% Secant Modulus					
MD	lb/in <sup>2</sup>	55900	MPa	357	ASTM D 882
TD	lb/in <sup>2</sup>	48500	MPa	316	
Unrestrained Shrink					
10 min @100°C Air					
MD	%	19.6	%	19.6	ASTM D 1204
TD	%	11.2	%	11.2	
3min @ 98°C Water					
MD	%	36.7	%	36.7	
TD	%	28.0	%	28.0	
Haze	%	0.22	%	0.22	ASTM D 1003
45° Gloss					
MD	%	180	%	180	ASTM D 2457
TD	%	176	%	176	

Note; The figures above are the result of measurement, and do not show guaranteed value.