



KUREHA CORPORATION

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Product Information

Date : May 21 2009

***Krehalon* PC101**

Properties	English Values		Metric Values		Test Method
	Unit	Value	Unit	Value	Value
Average Thickness	mil	0.75	µm	19.0	-
Oxygen Transmission Rate @ 23°C dry	cm ³ /100in ² ·day·atm	1.1	cm ³ /m ² ·day·atm	18	ASTM D 3985
Water vapor Transmission Rate @ 40°C 90% RH	g/100in ² ·day	0.2	g/m ² ·day	3.1	ASTM F 1249
Ultimate Tensile Strength					
MD	lb/in ²	16100	MPa	112	ASTM D 882
TD	lb/in ²	15600	MPa	108	
Ultimate Elongation					
MD	%	86	%	86	ASTM D 882
TD	%	80	%	80	
2% Secant Modulus					
MD	lb/in ²	73900	MPa	513	ASTM D 882
TD	lb/in ²	61600	MPa	428	
Unrestrained Shrink					
10 min @100°C Air					ASTM D 1204
MD	%	15.5	%	15.5	
TD	%	7.5	%	7.5	
3min @ 98°C Water					
MD	%	28.0	%	28.0	
TD	%	20.0	%	20.0	
Haze	%	8.3	%	8.3	ASTM D 1003
45° Gloss					
MD	%	132	%	132	ASTM D 2457
TD	%	138	%	138	
Coefficient of Friction					
Static Friction	µ S	0.42	µ S	0.42	ISO8295
Dynamic Friction	µ D	0.31	µ D	0.31	

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