



LAB TESTING RESULT

Brand Name : QuaSAREX 01
Lot : 200121 CX5,1
Thickness : 100 micron

A	Thickness Properties	Test Based On	Units	Range Value	Actual value
1	Min. Value	-	Micron	-	-
2	Max. Value	-	Micron	-	-
3	Min. Value	-	%	-	-
4	Max. Value	-	%	-	-
5	Average	-	Micron	-	-

B	Surface properties	Test Based On	Units	Range Value	Actual value
1	COF Static AA	ASTM D1894	N/A	0.200 – 0.600	0,528
2	COF Static CC	ASTM D1894	N/A	0.200 – 0.600	0,541
3	COF Static AC	ASTM D1894	N/A	0.200 – 0.600	0,535
4	COF Kinetic AA	ASTM D1894	N/A	0.200 – 0.600	0,480
5	COF Kinetic CC	ASTM D1894	N/A	0.200 – 0.600	0,527
6	COF Kinetic AC	ASTM D1894	N/A	0.200 – 0.600	0,514

C	Shrinkage properties	Test Based On	Units	Range Value	Actual value
1	MD (10s@130 C)	ASTM D2732	%	60 – 80	68,000
2	TD (10s@130 C)	ASTM D2732	%	< 20	6,000

D	Mechanical properties	Test Based On	Units	Range Value		Actual value	
				MD	TD	MD	TD
3	Strength @ Break	ASTM D882	N/mm2	22 – 33	22 – 33	25,914	26,204
4	Elongation @ Break	ASTM D882	%	500 – 900	900 – 1100	622,248	903,734
6	Yield Strength	ASTM D882	N/mm2	10 – 20	10 – 20	17,306	15,895

10	Tearing Tester	ASTM D1922	gf	-	-	-	-
			mN	-	-	-	-
			1bf	-	-	-	-
			%	-	-	-	-

11	- Failure Mass Dart Impact	ASTM D1709	g	-	-	-
	- Failure Energy Dart Impact	ASTM D1709	J	-	-	-