



Form No.	LTR-QCP-0003
Rev. No.	0
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LAB TESTING RESULT

Brand Name : QuaSAREX 81
Lot : 020919 CX4.2
Thickness : 60 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	< 0.600	0,425
2	COF Static CC	ASTM D1894	N/A	< 0.600	0,213
3	COF Static AC	ASTM D1894	N/A	< 0.600	0,283
4	COF Kinetic AA	ASTM D1894	N/A	< 0.600	0,414
5	COF Kinetic CC	ASTM D1894	N/A	< 0.600	0,192
6	COF Kinetic AC	ASTM D1894	N/A	< 0.600	0,261

C	Shrinkage properties	Test Based On	Units	Range Value	Actual value
1	MD (10s@130 C)	ASTM D2732	%	60 – 80	69
2	TD (10s@130 C)	ASTM D2732	%	10 – 25	15

D	Mechanical properties	Test Based On	Units	Range Value		Actual value	
				MD	TD	MD	TD
3	Strength @ Break	ASTM D882	N/mm2	20 – 36	20 – 42	26,199	24,354
4	Elongation @ Break	ASTM D882	%	400 – 900	500 – 1000	591,810	893,128
6	Yield Strength	ASTM D882	N/mm2	< 30	10 – 25	13,337	12,047

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

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