



LAB TESTING RESULT

Brand Name : NixHYDRA 90
Lot : 241217 CX5,2
Thickness : 40 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	0,358
2	COF Static CC	ASTM D1894	N/A	< 0.600	0,270
3	COF Static AC	ASTM D1894	N/A	< 0.600	0,356
4	COF Kinetic AA	ASTM D1894	N/A	< 0.600	0,330
5	COF Kinetic CC	ASTM D1894	N/A	< 0.600	0,211
6	COF Kinetic AC	ASTM D1894	N/A	< 0.600	0,305

C	Shrinkage properties	Test Based On	Units	Range Value	Actual Value
1	MD (10s@130 C)	ASTM D2732	%	-	-
2	TD (10s@130 C)	ASTM D2732	%	-	-

D	Mechanical properties	Test Based On	Units	Range Value		Actual Value	
				MD	TD	MD	TD
3	Strength @ Break	ASTM D882	N/mm2	20 – 30	15 – 25	24,258	21,244
4	Elongation @ Break	ASTM D882	%	400 – 700	400 – 700	537,339	556,302
6	Yield Strength	ASTM D882	N/mm2	8 – 18	8 – 18	12,844	11,944

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

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



LAB TESTING RESULT

Brand Name : NixHYDRA 90
Lot : 241217 CX5,2
Thickness : 40 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	0,358
2	COF Static CC	ASTM D1894	N/A	< 0.600	0,270
3	COF Static AC	ASTM D1894	N/A	< 0.600	0,356
4	COF Kinetic AA	ASTM D1894	N/A	< 0.600	0,330
5	COF Kinetic CC	ASTM D1894	N/A	< 0.600	0,211
6	COF Kinetic AC	ASTM D1894	N/A	< 0.600	0,305

C	Shrinkage properties	Test Based On	Units	Range Value	Actual Value
1	MD (10s@130 C)	ASTM D2732	%	-	-
2	TD (10s@130 C)	ASTM D2732	%	-	-

D	Mechanical properties	Test Based On	Units	Range Value		Actual Value	
				MD	TD	MD	TD
3	Strength @ Break	ASTM D882	N/mm2	20 – 30	15 – 25	24,258	21,244
4	Elongation @ Break	ASTM D882	%	400 – 700	400 – 700	537,339	556,302
6	Yield Strength	ASTM D882	N/mm2	8 – 18	8 – 18	12,844	11,944

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

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