

Modiflex MP-HD-Cap

IKO Modiflex MP-HD-Cap Fully Adhered Cap Sheet is constructed using a tough composite reinforcement of non-woven polyester strengthened with a glass fiber scrim in both machine and cross directions and is coated top and bottom with select SBS polymers and premium asphalt. Modiflex MP-HD-Cap's ceramic coated mineral granules cover the surface of the product to provide superior protection against ultraviolet radiation. Modiflex MP-HD-Cap can be used as a protective cap for a conventional BUR system or as the top ply in a two-ply Modiflex system. This product meets the requirements of CSA A123.23 Type C Grade 1.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL TEST PERFORMANCE
Rolls per Pallet:	-	-	-	30
Length:	m (ft)	-	-	10 (32.8)
Width:	mm (in)	-	-	1005 (39.6)
Thickness:	mm (mils)	-	-	3.5 (138)
Selvage Width:	mm (in)	-	-	90 (3.5)
Selvage Thickness:	mm (mils)	CSA A123.23	ASTM D5147	2.34 (92.1)
Mass Per Unit Area:	kg/m ² (lb/100ft ²)	CSA A123.23	ASTM D5147	4.43 (90.7)
Strain Energy, @ 23 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	25.9/26.6 (148/152)
After heat conditioning				26.5/24.4 (151/139)
Strain Energy, @ -18 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	22.6/23.0 (129/131)
After heat conditioning				23.0/19.5 (131/111)
Peak Load, @ 23 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	16.8/18.7 (95.8/107)
After heat conditioning				19.3/15.7 (110/89.8)
Peak Load, @ -18 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	22.9/20.7 (131/118)
After heat conditioning				24.3/21.7 (139/124)
Elongation @ Peak Load @ 23 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	65.0/60.3
After heat conditioning				56.3/64.7
Elongation @ Peak Load @ -18 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	58.0/67.5
After heat conditioning				53.0/49.0
Ultimate Elongation @ 23 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	70.0/62.0
After heat conditioning				58.5/67.8
Low Temperature Flexibility MD/XD:				
Before heat conditioning	°C	CSA A12.23	ASTM D5147	-18/-18
After heat conditioning				-18/-18
Low Temperature Flexibility after UV Weathering:	°C (°F)	CSA A123.23	ASTM D5147	-12
Dimensional Stability MD/XD:	%	CSA A123.23	ASTM D5147	0.26/-0.19
Compound Stability:	°C (°F)	CSA A123.23	ASTM D5147	91
Granular Embedment	g (oz)	CSA A123.23	ASTM D4977	0.105 (0.0037)
Resistance to puncture:	-	CSA A123.23	CSA A123.23	Pass

IKO's products adhere to the industry standards of the jurisdiction in which they are sold by IKO. Numerical testing scores listed herein, if any, relate only to the samples tested and the standards & procedures listed herein. IKO does not guarantee that every IKO product will, upon similar testing, reveal an identical score to those set forth herein. IKO does not accept responsibility for any matters arising or consequences from the use of numerical testing scores.