

## Prevent MP-250-Cap

PrevEnt MP-250-Cap is a hot mopped or cold applied cap sheet constructed with a tough non-woven reinforced polyester mat strengthened with select glass fiber strands. During the manufacturing process, expandable graphite is added above the reinforcement to impart excellent exterior fire-resistant properties. Specially formulated for superior fire resistance, PrevEnt MP-250-Cap is coated top and bottom with select SBS polymers and premium asphalt. This product meets CSA A123.23 Type B Grade 1 and qualifies for a Class A rating, in select UL systems, in accordance with CAN/ULC S107M, UL790 test protocols.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL TEST PERFORMANCE
Rolls per Pallet:	-	-	-	30
Length:	m (ft)	-	-	10 (32.6)
Width:	mm (in)	-	-	1005 (39.6)
Thickness:	mm (mils)	-	-	3.8 (150)
Selvage Width:	mm (in)	-	-	90 (3.5)
Selvage Thickness:	mm (mils)	CSA A123.23	ASTM D5147	2.72 (107)
Mass Per Unit Area:	kg/m <sup>2</sup> (lb/100ft <sup>2</sup> )	CSA A123.23	ASTM D5147	4.62 (94.6)
Strain Energy, @ 23 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	37.5/24.8 (214/162)
After heat conditioning				34.0/23.5 (194/134)
Strain Energy, @ -18 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	24.9/21.4 (142/119)
After heat conditioning				27.7/18.9 (158/108)
Peak Load, @ 23 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	26.1/16.7 (149/95.5)
After heat conditioning				25.9/16.9 (148/96.6)
Peak Load, @ -18 °C MD/XD:				
Before heat conditioning	kN/m (lbf/in)	CSA A123.23	ASTM D5147	31.7/21.4 (181/122)
After heat conditioning				32.0/20.1 (183/115)
Elongation @ Peak Load @ 23 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	63.7/66.0
After heat conditioning				57.3/63.0
Elongation @ Peak Load @ -18 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	46.5/60.5
After heat conditioning				52.0/57.0
Ultimate Elongation @ 23 °C MD/XD:				
Before heat conditioning	%	CSA A123.23	ASTM D5147	65.2/75.9
After heat conditioning				58.4/64.8
Low Temperature Flexibility MD/XD:				
Before heat conditioning	°C	CSA A123.23	ASTM D5147	-18/-18
After heat conditioning				-18/-18
Low Temperature Flexibility after UV Weathering:	°C	CSA A123.23	ASTM D5147	-12
Dimensional Stability MD/XD:	%	CSA A123.23	ASTM D5147	0.33/-0.07
Compound Stability:	°C	CSA A123.23	ASTM D5147	102
Granular Embedment	g (oz)	CSA A123.23	ASTM D4977	0.245 (0.00864)
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.