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TECHNICAL SPECIFICATION

Product Range: Dekstrip

American Standard for Testing of Materials (ASTM)

ASTM Method	Test Description	Specification	Result
D2240	Shore 'A' Hardness	60 +/- 5	55
D412	Tensile Strength (TS) (MPa min)	4.0 min	4.5
	Elongation @ Break (% min)	400 min	442
	Modulus 300% (MPa)	3.0	3.7
D624	Tear Resistance Die C (kN/m min)	20.0 min	26.5
D395	Compression Set 70 hrs, 25°C at 25% strain (% max)	-	27%
D746	Brittle point (°C)	-	<-60
D573	Heat Resistance 24hrs @ 100°C		
	Change in Hardness (points)	+/- 10	0
	Change in TS (%)	+/- 25	0
	Modulus 300%, percentage retention (%)	+/- 25	-14
	Heat Resistance 168hrs @ 100°C		
	Change in Hardness (points)	+/- 10	0
	Change in TS (%)	+/- 25	5
	Modulus 300%, percentage retention (%)	+/- 25	-16

Other

SAAHB39 -1997	Installation Code for Metal Roofing and walling	-	Apprvd
ASTM G154	Accelerated UV testing ¹ - 2000hrs	Max 50% loss in TS and max elongation	Pass
-	Temperature Resistance	-	-50 to 115°C

¹ Tests conducted in 8hr cycles, 4hrs at 60°C and 4hrs at 50°C relative dry cycle/ humidity. Lamp is UV-B 340 nm.