



Waterproofing Solutions

Grade: KRUBBER PROTEKT

TECHNICAL SPECIFICATIONS

Parameter	UOM	ASTM Standard		Grade
		Standard	Required	PROTEKT
Thickness	mm	ASTM D-412	± 0.15	1, 1.2, 1.5 and 2 mm
Tensile Strength	MPA	ASTM D-412	9 (Min)	9
Elongation Ultimate %	%	ASTM D-412	300 - Min	360
Angular Tear (kN/m)	kN/m	ASTM D-624	26.27 Min	30
Temperature Resistance	Deg C	-	-40°C to +150°C	-40 to 140
Tensile Set %	%	ASTM D-412	10 Max	11
Brittleness Point Max °C	Deg C	ASTM D-2137	-49 (-45)	-45
Ozone Resistance	166 Hrs @ 50 PPHM 40 Deg C (50% Extension)	ASTM D-1149	No Cracks	No Cracks
Heat Aging	670 Hrs @ 116 Deg C	ASTM D-573		
Change in Tensile Strength	MPA	ASTM D-412	8.30 Min	8.4
Change in Elongation	%	ASTM D-412	200 Min	285
Change in Angular Tear	kN/m	ASTM D-624	21.9-min	24
Change in Dimensions	%	ASTM D-1204	±1	+0.2
Water Absorbtion	70 for 166 hours (%)	ASTM D-471	+8,-2	+6
Puncture Resistance	Kgs	ASTM D-5602	32	34
Specific Gravity	-	ASTM D-297	-	1.2
Waeather Resistance	No Cracks	ASTM G 155	No Cracks	No Cracks

KIRAN RUBBER INDUSTRIES

(An ISO 9001:2008 Company)

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