

## Technical Specifications of Waterproofingwale EPDM Roofing Membrane-Grade RM

**Manufactured by M/s Polygamma Industries and Exclusively Marketed in India by M/s Karma Yoga Vedanta Pvt Ltd**

Physical Property	Test Method	Requirement of		Waterproofingwale Result
		RMA/Roof Council (USA)	ASTM Standard (Type I)	
Colour	-	Black	-	Black
Tensile Strength (MPa)	ASTM D-412	9-Min	9-Min	9.9
Elongation Ultimate (%)	ASTM D-412	300-Min	300-Min	450
Angular Tear (kN/m)	ASTM D-624	26.27 Min	26.27 Min	37
Temperature Resistance	-	-	-	-40°C to +160°C
Tensile Set (%)	ASTM D-412	-	10 Max	2
Brittleness Point Max °F (°C)	ASTM D-2137	-49 (-45)	-49 (-45)	No Cracks
Ozone Resistance/166 hrs/50 PPHM/40°C 50% Extension	ASTM D-1149	No Cracks	No Cracks	No Cracks(Pass)
Heat Aging (670h @ 116°C)	ASTM D-573	-	-	-
Tensile Strength (MPa) Elongation Ultimate (%) AngularTear (kN/m)	ASTM D-412 ASTM D-412 ASTM D-624	6 200 Min 21.9-Min	8.30 Min 200 Min 21.9-Min	11.2 23 295
Linear Dimensional Change (%)	ASTM D-1204	±2	±1	0.3
Water Absorption at 0° for 166 hours (%)	ASTM D-471	+8,-2	+8,-2	1.7
Factory Seam Strength (kN/m)	ASTM D-816	Sheet failure or 50 lb/inch Min	8.8	Sheet Failure
Puncture Resistance (Kg)	ASTM E-154	-	32	37
Flex Cracking	BS 903 Part A10	-	-	200000 Cycles
Hardness	ASTM 2240	-	-	-
Specific Gravity	ASTM D-297	-	-	1.3
Visual Inspection	G 26	-	Pass	Pass
PRFSE Min (%)	D 518	-	30	≤35

Ref D 4637/D 6134 & tolerance as per UEATC: MOAT No 46-1988

The above values are taken from specimens made under reproducible conditions. However they may differ somewhat on actual production/supply due to vulcanization conditions at the factory. As the ASTM Standards continue to revise, please refer to the latest applicable code for any update on the properties

### Karma Yoga Vedanta Pvt . Ltd.

Office No.8, Bhoomi Mall, Sector 15, Palm Beach Road, CBD Belapur, Navi Mumbai – 400614  
Tel.: 27581002, M : 9820294833, E-mail: [amit.gupta@constructionwale.com](mailto:amit.gupta@constructionwale.com)

The information given here in is based on tests conducted in-house laboratory and/or independent accredited laboratories. While the information is presented as true and accurate to the best of our knowledge, Karma Yoga Vedanta Pvt Ltd assumes no responsibility or liability with regard to the use of this information. The right to make periodic revisions of the specifications without prior notice is reserved. No warranty is given or implied by us as the site conditions and the skill of labour used for application is beyond our control.

WaterproofingWale

**Karma Yoga Vedanta Pvt . Ltd.**

Office No.8, Bhoomi Mall, Sector 15, Palm Beach Road, CBD Belapur, Navi Mumbai – 400614  
Tel.: 27581002, M : 9820294833, E-mail: [amit.gupta@constructionwale.com](mailto:amit.gupta@constructionwale.com)