

Technical Specifications of Polygomma EPDM Roofing Membranes-Grade RM			
Physical Property	Test Method	Polygomma Result	Harmonized Technical Specification
Water Tightness (kPa)	EN 1928	Pass	EN 13956:2012
Joint Peel Resistance (N/ 50 mm)	EN 12316-2	≥50	
Tensile Strength (N/mm ²)	EN 12311-2	≥8	
Elongation (%)	EN 12311-2	≥300	
Resistance to Impact (mm)	EN 12691 (A)	≥150	
	EN 12691 (B)	≥1500	
Tear Resistance (N)	EN 12310-2	≥25	
Dimensional Stability (%)	EN 1107-2	≤2.0	
Foldability at Low Temperatures (°C)	EN 495-5	<-45°C	
UV Exposure (1000 h)	EN 1297	Pass	
Resistance to Ozone	EN 1844	Pass	
**External Fire Performance	EN 13501-5/ ENV 1187-1	B _{Roof} (t1)	

**This test not included in CE certificate being not relevant as per EN 13956 – Table A.1

Ref D 7465 tolerance as per UEATC: MOAT No 46-1988.

The thickness tolerance shall be +15%,-10% of the thickness as per applicable code. Since the product standards continue to revise, please refer to the latest applicable code for any update on the properties.

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.

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, Polygomma 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. Many factors beyond our control can affect and influence the use and performance of our products at any particular application. Since these factors are uniquely within the users' knowledge and control, it is essential that users evaluate the product to determine its suitability for purpose. Please, ensure before using that product is suitable for the intend application. No warranty is given or implied by us as the site conditions and the skill of labour used for application is beyond our control. It is strongly recommended that the user should test the EPDM pond liner for toxicity for all service conditions to ensure the EPDM pond liner meets their requirements and expectations.

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