



**BETAGUM P LG 4,2 mm MINERAL**

**- 10 °C**

Characteristics	Norms	U.M.	Test results	Tolerance
			BETAGUM P LG MINERAL	
Norms	/	/	EN 13707	/
Carrier type	/	/	Polyester	/
Compound	/	/	BPE - Elastomeric bitumen	/
Upper surfacing	/	/	Slate chips	/
Lower surfacing	/	/	Film PE	/
Type of application	/	/	SF-Top layer	/
Method of application	/	/	Torch	/
Visible defects	EN 1850-1	-	Pass	/
Length	EN 1848-1	m	≥ (7,5 m -1%)	/
Width	EN 1848-1	m	≥ (1 m -1%)	/
Straightness	EN 1848-1	-	Pass	/
Thickness	EN 1849-1	mm	4,2 (on slate)	± 0,2 mm
Watertightness (metodo B)	EN 1928	-	Pass	/
External fire performance	EN 13501-5	-	F roof	/
Reaction to fire	EN 13501-1	-	EUROCLASS E	/
Shear resistance of joint				
- heat lap	EN 12317-1	N/50 mm	500	- 20%
- side lap			400	- 20%
Tensile properties				
-maximum longitudinal tensile strength	EN 12311-1	N/50 mm	600	- 20%
-maximum transversal tensile strength		N/50 mm	500	- 20%
- longitudinal elongation		%	50	- 15 pp
- transversal elongation		%	50	- 15 pp
Resistance to impact	EN 12691	mm	1000	/
Resistance to static loading	EN 12730	kg	15	/
Resistance to tearing (nail shank)				
- longitudinal	EN 12310-1	N	150	-30%
- transversal			150	
Dimensional stability	EN 1107-1	%	≤ 0,5	/
Flexibility at low temperature	EN 1109	°C	≤ - 10	/
Flow resistance at elevated temperature	EN 1110	°C	85	/
Adhesion of granules	EN 12039	Loss %	< 30	/
Water vapour transmission properties	/	-	μ = 20.000	/

REV 01\_23

TECHNONICOL ITALIA srl reserves the right to modify the technical data in this specification sheet which is based on current production without prior warning.

All indications in this specification sheet are based upon our experience and current working practices.

**TECHNONICOL ITALIA s.r.l.**

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