

CHARACTERISTICS	MANUFACTURER'S LIMITING VALUE	TEST RESULT 2,00 mm	UNIT	TEST METHODS
Thickness	MDV / İBD	2,00 ± %5	mm	EN 1849-2
THICKNESS SIGNAL LAYER	< 0,8	< 0,8	mm	EN 1849-2
WATER PERMEABILITY	Waterproof	Waterproof	-	EN 1928
STRAIGHT DEVIATION and EVENNESS	Deviation from straight < 50 mm Evenness < 10 mm	Kg/m ²	2.70 ± 0.05	-
DENSITY	+ 0,03 / - 0,003	+ 0,03 / - 0,003	g/cm ³	-
TENSILE STRENGTH	BOYUNA ≥ 15 Machine Direction	BOYUNA ≥ 16 Machine Direction	N/mm ²	EN 12311-2 (Metot B papyon)
	ENİNE ≥ 15 Cross Direction	ENİNE ≥ 15 Cross Direction		
LOW TEMPERATURE BEHAVIOUR (FLEXURE)	-20	-20	°C	EN 495-5
RESISTANCE TO STATIC PUNCTURE		4,8	kN	EN ISO 12236
WATER PERMEABILITY	<1 x10 ⁻⁷	<1 x10 ⁻⁷	m ³ /m ² x d	EN 14150
GEOTEXTILES and GEOTEXTILE - RELATED PRODUCTS - DETERMINATION of the RESISTANCE TO WEATHERING	≤10	≤10	%	EN 12224
RESISTANCE to OXIDATION	≤20	≤20	%	EN 14575
ELONGATION AT BREAK	BOYUNA ≥ 250 Machine Direction	BOYUNA ≥ 300 Machine Direction	%	EN 12311-2 (Method B dumble)
	ENİNE ≥ 250 Cross Direction	ENİNE ≥ 300 Cross Direction	%	
RESISTANCE TO IMPACT	≥750	≤800	mm	EN 12691
MELTING FLOW	Tolerable deviation < 10%	Tolerable deviation < 10%	%	-
FIRE RESISTANCE	CLASS E / E Sınıfı	CLASS E / E Sınıfı	-	CLASSIFICATION AFTER EN 13501-1
SHEAR TEST for WELDED SEAMS	Break outside seam shear strength 600	Break outside seam shear strength 1100	N/50mm	EN 12317-2
PEEL TEST for WELDED SEAMS	≥ 200	≥ 250	N/50mm	EN 12316-2
MODULE of ELASTICITY BETWEEN 1 and 2 % ELONGATION	< 100	< 100 N/mm ²	N/mm ²	EN 12317-2
VISIBLE DEFECTS	No cracked, waving, space, brightness, bubble, hole, scratch, cove, embedded	No cracked, waving, space, brightness, bubble, hole, scratch, cove, embedded	-	EN 1850-2
SCREENING TEST METHOD for DETERMINING CHEMICAL RESISTANCE	Change in elongation: ≤10 %	Change in elongation: ≤10 %	%	EN 14414 : A (hydrolyses under acid condition)
SCREENING TEST METHOD for DETERMINING CHEMICAL RESISTANCE	Change in elongation: ≤10 %	Change in elongation: ≤10 %	%	EN 14414 : A (hydrolyses under alkaline condition)
DIMENSIONAL STABILITY (Storage at 80 °C for 1 hours)	≤ ± 2	≤ ± 2	%	EN 1107-2
STORAGE in WATER at 85±1 °C for 90 days	Redution in tensile strength < 15 % Reduction in elongation < 15 %	Redution in tensile strength < 15 % Reduction in elongation < 15 %	%	EN 14575