



Last Revision Date	Version No.	Date of issue	Editor Name
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Specifications for Mep-Flex 12

Color : Grey (9077) , Red (5112), Green (7162), Anthracite (9093), White (2028)

Properties	Units	EN 13956 Requirements	Mep Flex 12	Test Method
Thickness	mm	MDV $\pm 5\%$ for average $\pm 10\%$ for individual value	1.2	EN 1849-2
Weight	g/m ²	MDV +10%, -5%	1520	EN 1849-2
Width	cm	MDV -0.5% , +1%	100, 150	EN 1848-2
Length	m	\geq MLV	20	EN 1848-2
Appearance		Free from blisters ,cracks ,voids	Pass	EN 1850-2
Tensile strength	N/5cm MD TD	≥ 1200 ≥ 1100	1300 1280	EN 12311-2
Elongation	% MD TD	≥ 15	16 20	EN 12311-2
Tear strength	N MD TD	≥ 180	240 280	EN 12310-2
Nail Shank	N MD TD	≥ 300 ≥ 400	400 500	EN 12310-1
Interlaminar adhesion	N/50mm	≥ 80	100	EN 12316-2
Shear strength of joints	N/50mm	Crack other than at the joint or \geq Tensile strength	Pass	EN 12317-2
T-peel resistance of joints	N/50mm	Mean 150 ≥ 80	≥ 150	EN 12316-2
Straightness	mm	≤ 30	0	EN 1848-2
Flatness	mm	≤ 10	0	EN 1848-2
Dimensional stability	% MD TD	≤ 0.5	≤ 0.3	EN 1107-2
Cold Bending	$^{\circ}$ C	≤ -30	-35	EN 495-5