



PRODUCT DATA SHEET

Gridline 500

Containment Lining

<u>Tested For</u>	<u>Gridline 500</u>	<u>Test Methods</u>
Thickness	0.50 mm	
Weight	0.53 kg / m ²	
Density	0.929 g/cm ³	ASTM-D 792
Ultimate Strength at Fibre Breakdown	MD 11 KN/M TD 10 KN/M	ISO 1421 ISO 1421
Elongation at Break	130%	ASTM D638
Elongation at Fibre Breakdown	MD 20% TD 14%	ISO 1421 ISO 1421
Volatile Loss	Below 0.05%	ASTM D1203 (Method A)
Water Absorption	0.75%	ASTM D570
Melt Flow Rate	0.9 g/10min	ASTM D1238
Coefficient of Linear Expansion	0.29 mm.m ^{-1.0} C ⁻¹	
Hydrostatic Resistance	135psi	ASTM D751 (Method A, Procedure 1)
Impact Resistance	No Break	ASTM D256 (Method B)
Low Temperature	-30° C	ASTM D746
Puncture Resistance	250N	FTMS 101B (Method 2031)

Notes: All values are nominal

MD = Machine Direction
 TD = Transverse Direction