

**TECHNICAL DATA SHEET**

EnviroWrap Limited, Sheeting System

**Compiled by:** AEA-EW      **Product Information by:** JW - RKW**Material:** Code AFR-D04-2007-400**Identification:** Polyethylene ( LDPE /MDPE – Special Blend Fractional Resins ) White/Light Cream

<b>Application:</b> Heavy Duty Structures.	Unit	Typical Values	Test Method
<b>Characteristics</b>			
<b><u>General Properties</u></b>			
Density	g/cm <sup>3</sup>	Ca 1,017	DIN 53479 A
Gauge. - Mean	µm +/-	400	DIN 53370
Weight - Mean	g/m <sup>2</sup>	398	
Tolerance	+/-	2.0%	
<b><u>Mechanical Properties</u></b>			
Coefficient of Friction	Stat.	>0,35	DIN 53375 A
Coefficient of Friction	Dyn.	>0.35	DIN 53375 A
Impact / drop dart test	N	Fmax =167	NFP 84-507
Tensile Strength	MD	MPa	22.2.
	TD	MPa	20.6
Elongation at Break	MD	%	599
Elongation at Break	TD	%	635
Weld Seam Break Point 45cm Seam	N	2125 Max 1990 Min	BRE 236617/R1
Weld Patch Tie Break Point	N	1995 Mean load	BRE 236617/R1
<b><u>Thermal Properties</u></b>			
Seal Level	Min	C	135 C
Seal Range	Min - Max	C	135 C – 150 C
Shrink @ 140 C – 30 Sec			MD 51%
<b>EnviroWrap Limited</b>			<b>Certifications:</b> ISO9001:2000
<b>German Testing Station;</b> Materialprüfungsamt Nordrhein Westfalen			<b>Flame Resistance Certifications</b> DIN 4102 B1
<b>UK Testing Station;</b> BRE/Loss Prevention Certification Board			LPS1207 & LPS1215
<b>Euro Safety Mark:</b> AIB-Vinçotte – ECOSAFER, Brussels			<b>Safety Guarantee</b> VGS Safety Guarantee
MD = Machine Direction TD = Transversal Direction			

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