

## TECHNICAL DATA SHEET - 'POLY BARRIER'

<b>DESCRIPTION:</b>			
Poly Barrier is a high density polyethylene sheet that acts as a sturdy but flexible barrier for the protection of livestock from fencing and rails. It also creates a visual barrier where needed between stockyards, stables or pens.			
<b>AREAS OF USE:</b>			
Poly Barrier is suitable for the following applications:			
<ul style="list-style-type: none"> <li>• Fencing</li> <li>• Cattle crush</li> <li>• Stockyards</li> <li>• Pens</li> <li>• Stables</li> <li>• Races</li> <li>• Arenas</li> <li>• Corrals</li> </ul>			
<b>FEATURES AND BENEFITS:</b>			
<ul style="list-style-type: none"> <li>• Chemically inert.</li> <li>• Available in a range of roll lengths, thicknesses and widths.</li> <li>• Easy to use.</li> <li>• Australian made for Australian conditions.</li> <li>• UV stabilised for longevity in harsh conditions.</li> <li>• Made from 100% recycled materials.</li> <li>• Cost effective.</li> <li>• A recyclable product (Resitech can recycle any offcuts, including the inner core).</li> </ul>			
<b>HEALTH AND SAFETY:</b>			
Safety Precautions:			
<ul style="list-style-type: none"> <li>• Avoid excessive (100 degrees C +) heat</li> <li>• Avoid oxidising agents</li> <li>• Lift with care.</li> <li>• Handle and unroll with care as edges can be sharp and product can recoil.</li> </ul>			
<b>TECHNICAL DATA:</b>			
PHYSICAL PROPERTY	TEST METHOD	VALUE	UNITS
Density	ASTM D1505/D2839	0.96 +/- 0.01	g/cm <sup>3</sup>
Tensile Strength	ASTM D638	27	MPa
Elongation at Break	ASTM D638	>600	%
Flexural Modulus	ASTM D790	990	MPa
Izod Impact Strength @ -30 degrees Celsius	ASTM D256 Method A	250	J/m
Durometer Hardness	ASTM D2240	63	SHORE D
ESCR-100% IGEPAL (F)	ASTM D1693	>1000	HOURS
Carbon Black	ASTM D1603	2	%
<b>PACKAGING AND STORAGE:</b>			
<ul style="list-style-type: none"> <li>• Poly Barrier rolls are available on pallets or as singular rolls.</li> <li>• Product is available labelled to your company's specifications if required.</li> <li>• Sizes available:             <ul style="list-style-type: none"> <li>• 150mm - 1500mm width</li> <li>• 1000uM – 5000uM thickness</li> <li>• 1m - 250m length</li> </ul> </li> <li>• Custom dimensions, including thickness are available on request.</li> <li>• Available in either smooth or embossed options.</li> </ul>			
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