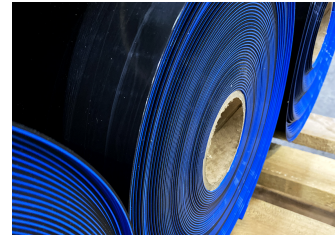


VLDPE

A waterproofing membrane made with a formulation based on very low-density polyethylene which gives an excellent flexibility and weldability. This is used in applications requiring high elongation and ductility. This product has high chemical and tear resistance.



MATERIAL PROPERTIES		UNIT	VALUE	TEST METHOD
MECHANICAL & PHYSICAL PROPERTIES				
Density		g/cc	0.909	ASTM D792
Thickness (average)		mm	2	ASTM D5199
Tensile Properties	Elongation @ break (along)	%	720	ASTM D638
	Elongation @ break (across)	%	690	
	Tensile Strength @ break (along)	MPa	24	
	Tensile Strength @ break (across)	MPa	23	
	E modulus between 1 to 2% (along)	MPa	83	
	E modulus between 1 to 2% (across)	MPa	89	
Oxidative Induction Time (Standard OIT)		min	120	ASTM D3895
Tear Resistance		N	395	EN 12310
Puncture Resistance		KN	3.5	EN 12236
Oven ageing to 70°C (70 days)		-	Pass	EN 1296
Water tightness		-	Pass (no leakage)	EN 1928
Resistance to impact		970mm	Pass	EN 12691
Foldability at low temperature		-40°C	Pass	EN 495-5
Burst Strength		%	168	EN 14151
Oxidation resistance at 85°C (90 days)		-	Pass	EN 14575
Resistance to root penetration		-	Pass	EN 14416
Reaction to fire		-	Class E	EN ISO 11925-2, classification to EN 13501-1



PRODUCT INFORMATION

Corex Plastics (Australia) Pty. Ltd.
 261 Frankston Dandenong Road, Dandenong 3175 AUSTRALIA
 Phone: +61 3 9238 1300 | Email: hello@corex.com.au

* All information is to the best of our knowledge, true and correct. However, as many factors outside our knowledge and control can effect the products, no warranty can be given or implied in respect of such information and no information should be construed as a warranty in relation to the product or its use.

July 2025

PROUDLY
Australian

Contact Us:
 hello@corex.com.au

Find out more
corex.com.au