



DUX W155 Product Properties

DUX W155 is a polypropylene woven fabric. This engineered geotextile is stabilized to resist degradation due to ultraviolet exposure. It is resistant to commonly encountered soil chemicals, mildew and insects, and is non-biodegradable. Polypropylene is stable within a pH range of 2 to 13, making it one of the most stable polymers available for geotextiles today.

Property	Test Method	Unit	Result
Physical			
Mass per Unit Area	AS 3706.1	g/sqm	160
Mechanical			
Robustness Rating	Austroroads	Ex Robust	3,500
Wide Strip Tensile (MD/XD)	AS3706.2	kN/m	25/25
Grab Tensile	AS2001.2.3	N/50mm strip	950
Trapezoidal Tear	AS3706.3	N	420
CBR Burst	AS3706.4	N	3800
Drop Cone, h50	AS3706.5	mm	3260
Hydraulic			
Pore Size , EOS	AS3706.7	um	400
Permeability	AS3706.9	s-1	0.48
Flow Rate	AS3706.9	l/sqm/sec	48

Endurance

Retain >70% tensile strength after 500 hrs exposure to U.V. rays

