Polymer Works, Hope Street
Dudley, West Midlands DY2 8RS

t: 01384 252555
f: 01384 252373
e: technical@advancedseals.co.uk

http://www.advancedseals.co.uk

Specification Sheet / 01
LD24 Polyethylene

8320
Certificate No. 11738-EMS-001
ISO 9001:2015 ISO 14001:2015

Property	*Test Procedure*	*Units*	*Value*
Nominal density- skin/Skin	BS ISO 7214:2012	kg/m³	29
Cell Size- Typical Diameter	Internal	mm	0.8
Compression Stress- Strain 25% compression	BS ISO 7214:2012	kPa	61
Compression Stress- Strain 50% compression	BS ISO 7214:2012	kPa	126
Compression Set 25% comp 22 Hr 23°C 1/2 hr recovery	BS ISO 7214:2012 25mm cell-cell	% Set	10
Compression Set 25% comp 22 Hr 23°C 24 hr recovery	BS ISO 7214:2012 25mm cell-cell	% Set	3
Tensile Strength	ISO 7214:2012	kPa	337
Tensile Elongation	ISO 7214:2012	%	131
Tear Strength	BS EN ISO 8067:2008 Method B	N/m	1760
Shore Hardness OO scale	ISO 868:2003	OO	54
Recommended Maximum Temperature Range*	Internal	°C	95°C

*Recommended Operating Temperature Range
The maximum operating temperature shown is defined as the temperature which will typically cause a linear shrinkage of 5% after a 24 hr exposure period, using sample dimensions of 100mm x 100mm x 25mm. This figure is provided for general guidance only. The actual level of shrinkage the foam will undergo at any particular temperature is dependant on a number of system variables such as, sample dimensions, cell size, loading conditions amd exposure period.

Change Control Date	*Change*
13/12/2017	Created