

Datasheet
PE LD30

MATERIAL:	Polyethylene Foam
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Physical properties	Unit	Value	Standard
Hardness	° Shore 00		-
Tensile strength	kPa	430	ISO 1798
Tensile elongation	%	130	-
Tear strength	min N/mm	625	EN ISO 8067
Density	Kg/m ³	30 (nominal)	EN ISO 845
Compressive Strength			
- deflection 25%:	kPa	39	EN ISO 3386/1
- deflection 40%:	kPa	73	
- deflection 50%:	kPa	112	
- deflection 60%:	kPa	170	
Compression set			
72hrs 50% compression 23°C, 0,5hrs recovery	%	28	EN ISO 1856
48hrs 20% compression 23°C, 0,5hrs recovery	%	7	
Working temperature range	°C min/max	-70 / +105	Internal
Colour		Grey / White	
Horizontal burning characterizes		Pass at 8mm thickness and above	FMVSS 302