

LDPE Sheet - Technical Data Sheet



the people for plastics

PROPERTIES ¹	Unit	ISO	VALUE
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PHYSICAL			
Density	g/cc	1183	0.91
Shrinkage ²	%		2.0 - 2.5
Melt Flow (230°C/2.16kg)	g/10min	1133	0.3

MECHANICAL			
Izod Impact, notched,	kj/m ² 23°C	180A	58
	-20°C	180A	7
Strength at yield	MPa 50mm/min.	527/2	28
	% 50mm/min.	527/2	
12 Tensile Modulus	MPa	527/2	
Flexular Modulus	MPa	178	1350
Shore D hardness		868	64

THERMAL			
VST@10N (VST/A)	°C	306/A	158
HDT@0.45MPa	°C	75/B	97

FLAMABILITY RATING ³			
Horizontal burn	1.5mm	UL94	HB
	3mm	UL94	HB
Typical forming temp.	°C		140-180

¹ All data quoted on this data sheet is for guidance only.

² For guidance only. Shrinkage rates are highly dependant on moulding process & post mould cooling.

³ Internal test data only which is not intended to reflect hazards presented by materials under actual fire conditions.