

Data Sheet - APET Boards

Date	11/08/2009
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Product	APET Boards
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Applications	Printed and Non Printed Packaging
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Production capabilities

Width	540 - 1100	[mm]
Length	350-1500	[mm]
Thickness	200 - 600	[μ m]

surface tension level	38-46	dyn/cm
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On line cutting Tolerance	-0	[mm]
	+5	
Thickness Tolerance	+10	[μ m]
	-30	
Angular Tolerance	± 0.2	[degree]
Flatness	4	[mm]

Max. Pallet height	1000	[mm]
Max. Pallet weight	700	[Kg]

Material property

Material	APET (Amorphous Polyethylene Terephthalate)	
Material composition	virgin / recycled (rPET)	
Additives	Anti Block, colors	
Cast process	mono or multi layeres (ABA, AB)	
Colors	transparent, *opaque, *semi transparent	

*standard colors or as request by the customer

Properties

Density	1.36	[g/cc]
Tensile strength, Ultimate	55	[MPa]
Tensile Modulus, 1mm/min	2.47-3.00	[GPa]
Flexural Yield Strength	80	[MPa]
Hardness, Rockwell R	110	
Izod Impact, Notched	1.4	[J/cm]
Initial Tear Strength	18-54	[g μ m ⁻¹]
T _g Glass Temp.	73-78	[°C]