armacell

ArmaFORM[®] PET Foil

Polyethylene Terephthalate

Characteristics

- > Service temperature range: -40°C to +180°C
- > 100% recyclable
- > Thermoformability with wide temperature window
- Flammability: FMVSS 302, B2 (DIN 4102) without flame retardant additives
- Oil, water, chemical resistant
- > Closed & fine cell structure
- > Easy to process: forming, die cutting, lamination
- > Excellent Insulation properties

Packaging

Roll or sheets. Width standard: 1.080 and 1.330 mm. Other dimensions are available on request.



Preliminary technical data			PET Foil 100	PET Foil 200	PET Foil 300
Density	ISO 845	kg/m³	100 (1)	200 (1)	300 (1)
Thickness	ISO 1823	mm	2-4 (2)	1-3 (2)	1-2 (2)
Tensile Strength	Automotive standard	MPa	1,9	3,0	> 5,4
Compression Strength	Automotive standard	MPa	0,3	0,6	1,0
Tear Strength	Automotive standard	MPa	20	25	35
FMVVSS 302	Automotive standard	<100mm/min		Pass	

⁽¹⁾ tolerance density: +/- 10 %

⁽²⁾ tolerance thickness: +/- 0,4 mm

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