



## Technical data sheet

### ISOFORM S009

#### Key benefits

Coextruded with antislip TPE layer  
Thermoformbale  
Meets VDA 4503 requirements

#### General application

Layer trays (EWPS)  
Other industrial packaging

	Test method	Unit	Value
<b>General properties</b>			
Density	DIN 53479	g/cm <sup>3</sup>	0,94
Filler content		%	
<b>Mechanical Properties</b>			
Tensile modulus	ISO 527	MPa	900
Tensile strength	ISO 527	MPa	>20
Elongation at break	ISO 527	%	>200
Flexural modulus	ISO 178	MPa	
Charpy unnotched impact strength at 23°C	ISO 179	kJ/m <sup>2</sup>	nb
Hardness	ISO 868	Shore D	52 (TPE layer)
Hardness	ISO 868	Shore D	64 (core layer)
<b>Thermal properties</b>			
Melting temperature	ISO 3146	°C	
Vicat softening temperature - A50	ISO 306/A50	°C	
Vicat softening temperature - B50	ISO 306/B50	°C	>68
Heat deflection temperature B (0.45 MPa)	ISO 75B	°C	
Heat deflection temperature A (1.80 MPa)	ISO 75A	°C	
Service temperature (intermittent)		°C	
Service temperature (long term)		°C	- 25 ... 75
<b>Other properties</b>			
Surface resistivity	LabeOHM	Ω	>10 <sup>14</sup>
Water absorption	24h/RT	%	<0,01
<b>Flammability (thickness 3 mm)</b>			
Mould shrinkage	Compared to a reference form	%	Longitudinal: / Transverse: /

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