

## Material Data Sheet

Material Construction: SL 101 / soft Al 12 µm / SL 101

PROPERTIES	UNIT	METHOD	TYPICAL VALUE
<b>Materials</b>			
Al thickness	µm		12
Al content of foil	%		>98
Unit Thickness	µm	Calculated	15
Unit Weight	g/m <sup>2</sup>	Calculated	36
Width	mm		50-800
<b>Coating System SL 101</b>			
Amount	g/m <sup>2</sup>		1-2
Color			Transparent
<b>Mechanical and Thermal</b>			
Tensile strength	MPa	ASTM D-882	80
Elongation A <sub>100</sub>	%	ASTM D-882	2
<b>Electrical</b>			
Thermal conductivity (Aluminum)	W/mK	supplier data	200-240
Resistivity (Aluminum)	Ohm*m	supplier data	27-37x10 <sup>-9</sup>
Specific heat	J/kg*K	supplier data	880-950
<b>Sealing conditions</b>			
Softening temperature	°C		>100
<b>Compliances</b>			
RoHS			YES
REACH			YES

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