

# Marnot XL clear

**PC films / Not filled, hard-coated, particularly scratch-proof, surfaces with and without texturing**

The products from the Marnot-Line combine the outstanding Properties of Makrofol DE - high transparency, high optical quality as well as both mechanical and thermal durability - with good scratch resistance. A special Hard Coat provides a significantly increased scratch resistance compared to Makrofol DE.

## ISO Shortname

Property	Test Condition	Unit	Standard	Value
<b>Mechanical properties (23 °C/50 % r.h.)</b>				
Tensile modulus		MPa	ISO 527-1,-3	>2100
C Stress at break, parallel		MPa	ISO 527-1,-3	>60
C Stress at break, across		MPa	ISO 527-1,-3	>60
Strain at break		%	ISO 527-1,-3	>100
<b>Other properties (23 °C)</b>				
C Density		kg/m <sup>3</sup>	ISO 1183	1200
<b>Material specific properties</b>				
Luminous transmittance (clear transparent materials)	Type of light; C/2; O/D	%	ISO 13468-2	>88



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## Disclaimer

Disclaimer for Sales products

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