

# Marnot XL GU 55

**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. Marnot XL 90 GU is a clear translucent film comprising the surface combination one side gloss, one side matt. It is available in various standard thicknesses between 175 and 500mm, other thicknesses on request.

## 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) | D65            | %                 | ISO 13468-2  | >88   |

**C** These property characteristics are taken from the CAMPUS plastics data bank and are based on the international catalogue of basic data for plastics according to ISO 10350.



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## Disclaimer

Disclaimer for Sales products

This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

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Publisher: Business Development Plastics

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