

TROGAMID®



**EVONIK**  
Leading Beyond Chemistry

Introducing  
a new era of  
sustainability

TROGAMID® eCO  
myCX BC100

A NEW ERA OF BIO-BASED SUSTAINABLE NYLON

A bio-circular, crystal-clear polyamide engineered for high-performance optical applications with up to 100% renewable feedstocks using the mass balance approach.



## PHYSICAL PROPERTIES

| Mechanical Properties ISO                            | Dry   | Unit                   |
|--|-------|------------------------|
| Tensile modulus                                      | 1,480 | MPa                    |
| Yield stress   | 59    | MPa                    |
| Nominal strain at break, $\epsilon_B$                | 180   | %                      |
| Density  | 1,020 | kg/m <sup>3</sup>      |
| Optical Properties (2mm)                             | Value | Unit                   |
| Haze   | 2.1   | %                      |
| Light transmittance                                  | 92    | %                      |
| LCA Values   | Dry   | Unit per FU            |
| Blue water consumption                               | 30.0  | kg                     |
| Global warming potential incl. bio. C incl. land use | 2.7   | kg CO <sub>2</sub> eq. |
| Land use   | 0.9   | Anual crop eq. y       |

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FOR MORE INFORMATION PLEASE VISIT:



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