

# Arnitel<sup>®</sup> E2–UV

## TPC–ET

UV Masterbatch, Black color only, TPC based

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Envalior offers a complete portfolio of thermoplastic polyester elastomers. These materials, sold under the trade name Arnitel<sup>®</sup>, combine excellent flexibility at low temperatures (down to –50°C) with good heat resistance. Arnitel<sup>®</sup> has an intrinsic stability against UV, however if high UV performance is required we advise to use a UV stabilization masterbatch. For thick wall applications (injection moulding or extrusion) we advise to use Arnitel<sup>®</sup> E1–UV. Arnitel<sup>®</sup> E2–UV is especially developed for thin film applications in black color. It is based on an Arnitel<sup>®</sup> carrier and shows good dispersion in any Arnitel<sup>®</sup> type.

| PROPERTIES                          | TYPICAL DATA | UNIT                   | TEST METHOD |
|-------------------------------------|--------------|------------------------|-------------|
| <b>MATERIAL SPECIFIC PROPERTIES</b> | <b>VALUE</b> |                        |             |
| Melt volume–flow rate               | 20           | cm <sup>3</sup> /10min | ISO 1133    |
| Temperature                         | 190          | °C                     | ISO 1133    |
| Load                                | 10           | kg                     | ISO 1133    |
| Density                             | 1270         | kg/m <sup>3</sup>      | ISO 1183    |
| Melting Point                       | 160          | °C                     |             |
| Active UV stabilizing ingredients   | 30           | %                      |             |
| Usage for optimal performance       | 6 – 10       | %                      |             |

Seller represents and warrants exclusively that on the date of delivery by Seller the product shall be in conformity with the specifications agreed upon. Seller makes no other representations or warranties, whether express or implied.

Seller is not responsible or liable for the design of the products of the Customer and it is the responsibility of the Customer to determine that the Seller's product is safe, complies with application laws and regulations, and is technically or otherwise fit for its intended use. Seller does not endorse or claim suitability of its products for a specific application and disclaims each and every representation or warranty, whether express or implied, in that respect.

Typical values are indicative only and are not to be construed as being binding specifications. Colorants in the product or other additives may cause significant variations in typical values.

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