

Arnitel[®] E2–UV

TPC–ET

UV Masterbatch, Black color only, TPC based

Envalior offers a complete portfolio of thermoplastic polyester elastomers. These materials, sold under the trade name Arnitel[®], combine excellent flexibility at low temperatures (down to –50°C) with good heat resistance. Arnitel[®] 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[®] E1–UV. Arnitel[®] E2–UV is especially developed for thin film applications in black color. It is based on an Arnitel[®] carrier and shows good dispersion in any Arnitel[®] type.

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