

Arnitel® E2-UV
Envalior - Thermoplastic Copolyester Elastomer
General Information
Product Description

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.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Additive	• UV Stabilizer: 30%
Features	• Good Weather Resistance • UV Stabilized
Uses	• Masterbatch
Appearance	• Black
Resin ID	• TPC-ET

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.27	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/10.0 kg)	20	cm ³ /10min	ISO 1133
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature ²	-49.0	°F	ISO 11357-2
Melting Temperature ²	320	°F	ISO 11357-3
Melting Temperature	320	°F	
Additional Information	Nominal Value	Unit	Test Method
Usage	6.0 to 10	%	

Notes
¹ Typical properties: these are not to be construed as specifications.

² 10°C/min
