

Applications with requirements for UV resistance and optimized mechanics; adhesion to PP

Processing Method

Injection Molding, Extrusion

Color / RAL DESIGN

black

Typical applications

- Roof rims
- Window encapsulations
- Water deflectors
- Cowls gaskets
- Function and design elements
- Automotive Exterior

Material advantages

- Weather resistant, suitable for automotive exterior
- Surface mapping
- Heat stability
- Optimized mechanical properties
- Adhesion to PP
- In-process recycling possible
- Optimized compression set

Regulations / Approvals

- DIN 75201-B - Fogging
- VDA 270 B3 - Odor
- 49 CFR §571.302 (FMVSS 302)
- PV 3930 Florida (1 year)
- PV 3930 Florida (2 years)
- PV 3929 Kalahari (1 year)
- PV 3929 Kalahari (2 years)
- VW 50123
- BMW GS 93042
- Daimler DBL 5562
- PSA B62 0300
- GM GMW 16233

Storage life after delivery is 12 month at storage conditions like in a dry place at temperatures from 15 to 30°C away from heat and flame, avoid storage in open sunlight. Avoid contact with oxides of nitrogen during storage.

For further information and individual custom solutions please contact our customer service.

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Disclaimer: The information provided in this documentation corresponds to our knowledge on the subject at the date of its publication and may be subject to revision as new knowledge and data becomes available. All values reported are typical values based on sample test results and are not a guarantee of performance. The responsibility to conduct testing to determine suitability of use for the particular process or end-use application remains with the customer.

Datasheet

TP6LDZ (UV/LD/b Series) | THERMOLAST® K

Product properties	Value	Unit	Standard
Hardness	63	Shore A	DIN ISO 7619-1
Density	0.970	g/cm ³	DIN EN ISO 1183-1
Tensile Strength¹	9.5	MPa	DIN 53504/ISO 37
Elongation at Break¹	750	%	DIN 53504/ISO 37
Tear Resistance	18.0	N/mm	ISO 34-1 Methode B (b) (Graves)
CS 72 h/23 °C	27	%	DIN ISO 815-1 Method A
CS 24 h/70 °C	40	%	DIN ISO 815-1 Method A
CS 24 h/100 °C	55	%	DIN ISO 815-1 Method A

¹Deviating from ISO 37 standard test piece S2 is tested with a traverse speed of 200 mm/min.

All values published in this data sheet are rounded average values.

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