

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. They are not a specification on our part, rather they are only a technical description of our products. The responsibility to conduct testing to determine suitability of use for a particular process or end-use application remains with the customer.

Universal application; adhesion to PP

Processing Method

Injection Molding, Extrusion

Color / RAL DESIGN

black

Typical applications

- Car mats
- Seals for housings
- Function and design elements

- Bumpers
- Handles (hand tools and power tools etc.)
- Soft touch surface (thumb wheels, push buttons, switches)

Material advantages

- Adhesion to PP
- Soft touch surface
- Optimized mechanical properties
- Colorable

- Controlled level of emission and odor, suitable for automotive interior
- Dry haptics
- Halogen-free (according to IEC 61249-2-21)
- In-process recycling possible

Regulations / Approvals

- DIN 75201-B - Fogging
- VDA 270 B3 - Odor
- 49 CFR §571.302 (FMVSS 302)
- DIN EN ISO 105-B06 Methode 3

- VW 50123
- BMW GS 93042
- Mercedes-Benz DBL 5562
- UL 94 HB

Product properties	Value	Unit	Standard
Hardness	29	Shore A	DIN ISO 48-4
Density	1.100	g/cm ³	DIN EN ISO 1183-1
Tensile Strength¹	4.5	MPa	DIN 53504/ISO 37
Elongation at Break¹	750	%	DIN 53504/ISO 37
Tear Resistance	13.0	N/mm	ISO 34-1 Method B (b)
CS 72 h/23 °C	17	%	DIN ISO 815-1 Method A
CS 24 h/70 °C	33	%	DIN ISO 815-1 Method A
CS 24 h/100 °C	65	%	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.

* Regulations a compound complies with and approvals granted are displayed here. Please note: All regulations and approvals for all compounds of a series are collectively shown in the overview of the respective product series, i.e. not all regulations and approvals shown in the overview apply to each individual compound.

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The shelf life of the TPE granules is 12 months from delivery if storage instructions are observed and the product is stored in the unopened original KRAIBURG TPE packaging. Store in dry conditions at room temperature (15–30 °C) away from heat sources and direct sunlight! Contact with nitrogen oxides must be avoided during storage!

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

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