

GP/CO – General Purpose, Adhesion to PC, ABS, PC/ABS

APPLICATION EXAMPLES:

- Soft touch
- handles
- consumer articles

for co moulded parts without patent infringement

easy to colour

easy to process

excellent adhesion in coinjection moulding
(depending on geometry and processing)

tactile surface (soft touch)

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	Colour	Hardness DIN 53505 / ISO 868 Shore A	Density DIN EN ISO 1183-1:2004 g/cm ³	Tensile strength DIN 53504 / ISO 37 N/mm ²	Elongation at break DIN 53504 / ISO 37 %	Tear resistance ISO 34-1 Methode B (b) (Graves) N/mm
TF3ADG	natural	30.0	1.1	2.0	734.0	8.7
TF4ADG	natural	40.0	1.1	2.6	776.0	10.8
TF5ADG	natural	50.0	1.1	3.4	779.0	13.1
TF6ADG	natural	60.0	1.1	3.9	746.0	15.6

This datasheet is an extract of the THERMOLAST® program. Please contact KRAIBURG TPE to select the compound suitable for your requirements.

Remark: The Information provided in this documentation corresponds to our knowledge on the subject at the date of its publication. This Information may be subject to revision as new knowledge and experience becomes available. The results of our tests are determined by sample check and mean only a technical description of our products. It shall not absolve the customer of the responsibility to make tests for his intended process or purpose. Therefore, KRAIBURG TPE makes no warranties and assumes no liability in connection with any use of this information.

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MATERIALVORTEILE:

- indoor applications
- conforming to FDA and 2002/72/EC
- comfortable haptics
- for co moulded parts without patent infringement
- excellent adhesion

PROCESSING:

- processing on 2K injection moulding machines (many grades also for insert moulding)
 - mould temperature: 40° C – 60° C
 - low back pressure
 - high shear force (small injection point, high injection rate. etc.) is beneficial for the flow behaviour
 - pre drying for 2h with 60° C – 80° C is recommended
- processing temperature
- adhesion to engineering thermoplastics 180 °C to 220 °C (max. 250 °C)
 - high injection speed and pressure

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