

GP/FD Series – conforming to BfR, FDA, 2002/72/EC, natural

TYPICAL APPLICATIONS:

extremely flexible

- seals
- grips
- consumer articles

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	Colour	Hardness DIN 53505 / ISO 868 Sh 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 method B (b) (Graves) N/mm
TF 3 BNA	natural	30	1.11	2.5	650	10
TF 4 BNA	natural	40	1.11	4.0	650	10
TF 5 BNA	natural	50	1.11	4.3	650	14
TF 6 BNA	natural	60	1.11	5.0	650	17
TF 7 BNA	natural	70	1.11	5.5	600	20
TF 8 BNA	natural	80	1.11	6.0	550	24
TF 9 BNA	natural	90	1.11	8.0	500	26
TF 2 BTL	translucent	20	0.89	4.4	810	5.9
TF 3 BTL	translucent	30	0.89	6.2	850	7.4
TF 4 BTL	translucent	40	0.89	7.7	830	9.2
TF 5 BTL	translucent	50	0.89	7.3	790	14.2
TF 6 BTL	translucent	60	0.89	8.2	750	14.4
TF 7 BTL	translucent	70	0.89	9.6	720	19.4
TF 8 BTL	translucent	80	0.89	9.4	640	26.5
TF 9 BTL	translucent	90	0.89	10.5	570	41.4

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.

GP/FD Series – conforming to BfR, FDA, 2002/72/EC, natural**MATERIAL ADVANTAGES:**

- easy to colour
- BfR, FDA, 2002/72/EC and EN 71/3 compliant
- very good physical properties
- smooth surface
- adhesion to PP
- service temperature: -40°C to +100°C (dynamic stress: up to 80°C)
- with many prevalent methods weldable
- halogen-free
- recyclable

PROCESSING:

Injection Moulding

- standard injection moulding machines
- processing temperature: 180°C to 220°C (max. 250°C)
- gate: < 1.0 mm

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