

FD/HM/tl Series – Conforming to BfR, FDA, 2002/72/EC, high mechanical performance, translucent

TYPICAL APPLICATIONS:

- aesthetic and functional packaging elements
- cosmetic and wellness products
- parts with food contact (e.g. seals, wine corks)
- or for your ideas!

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	Colour	Hardness DIN 53505 / ISO 868 Sh A/D	Density DIN EN ISO 1183-1:2004 g/cm ³	Tensile strength ¹ DIN 53504 / ISO 37 N/mm ²	Elongation at break ¹ DIN 53504 / ISO 37 %	Tear resistance ISO 34-1 method B (b) (Graves) N/mm	Compression Set ISO 815 %		
							72h/ 23°C	22h/ 70°C	22h/ 100°C
TF3AAB	translucent	29	0.89	6.0	550.0	19.0	15.0	80.0	85.0
TF4AAB	translucent	43	0.89	7.0	700.0	29.0	23.0	80.0	90.0
TF5AAC	translucent	52	0.89	7.4	750.0	14.0	24.0	40.0	67.0
TF6AAF	translucent	59	0.89	10.1	800.0	16.0	20.0	42.0	70.0
TF7AAC	translucent	67	0.89	10.9	700.0	20.0	25.0	47.0	70.0
TF8AAB	translucent	78	0.89	13.9	700.0	31.0	35.0	55.0	75.0
TF9AAA	translucent	85	0.89	18.5	700.0	39.0	36.0	55.0	75.0
TF9AAB	translucent	96	0.89	17.0	650.0	57.0	-	-	-

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

This datasheet is an extract of the KRAIBURG TPE 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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**FD/HM/tl Series – Conforming to BfR, FDA, 2002/72/EC,
high mechanical performance, translucent****MATERIAL ADVANTAGES:**

- easy to colour
- BfR, FDA, 2002/72/EC and EN 71/3 compliant
- excellent rebound resilience
- good flow characteristics
- excellent adhesion to PP
- service temperature: -40 to +80° C
- halogene free

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