



Our Know-how – Your Advantage

These custom-made TPE compounds are your solution for creating directly injected slit or dosing valves in the packaging sector. The compounds can be used in direct contact with various food products - including fatty foods - as well as for cosmetics or care products.

- Controlled migration behavior
 - » Contact to fatty foods is possible
- High mechanical load capacity
 - » Very low hysteresis loss compared to standard grades
- Excellent adhesion in multi-component injection molding
 - » Adhesion to polyolefins
 - » Fewer assembly steps
 - » Increased product safety
- Optimized processing
 - » Uniform mold filling
 - » Good punching / slitting properties
 - » Very low tendency to stick together
- Free of heavy metals and phthalates
- Reliable and consistent quality

Dirk Olberding, Application specialist

„Slit valves made of TPE materials offer several advantages at once: The excellent adhesion of TPE materials to the PP base body of the closure increases product safety, and in the recyclability assessment, slit valves made of TPE do not lead to devaluation.“

Regulations / Approvals

- Regulation (EU) No 10/2011
- FDA – CFR, Title 21
- GB 4806-2016
- REACH
- RoHS
- California Proposition 65



Technical Data

		HTF9471/80	TF4CMA	TF4CMB
Hardness	Sh A	32	41	40
Tear resistance	N/mm	8.0	14.0	7.5
Hysteresis loss 10% elongation (10 cycles)	%	2.5	1.5	1.5
Color		transparent	translucent	translucent
Optimized for low migration potential (Fatty Food)		no	yes	yes
Regulations (EU) Nr. 10/2011 FDA – CFR, Title 21 GB 4806-2016		yes yes no	yes yes yes	yes yes yes
Key Feature		Optimized processability	Processing & low migration potential	Lowest migra- tion potential

TALK TO OUR EXPERTS!

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