



Our Know-how – Your Advantage

These compounds are the material solutions for applications where low friction and low abrasion have an impact. They convince with excellent high-quality surface, low friction coefficient and long flow paths. Additionally they show an optimized compression set. The compounds are available in different hardness and colors.

- Excellent haptics
- Low friction
- Very good processing and demolding
- Easily cleanable surface
- Adhesion to Polyolefins
- Excellent closure and sealing function
- Conforms to current food regulations
 - » Regulation (EU) No 10/2011
 - » US FDA CFR 21
 - » GB 4806-2016
 - » Mercosur N° 39/19
- Free of phthalates and PVC
- Compounds available in translucent colors or pre-colored
- In-process recycling possible

Eugen Andert, Product Development

“The new FC/LF series is the perfect material solution for a various number of markets where low friction surfaces are necessary. With these materials, we are very well positioned for the full range of packaging and consumer projects that need to meet common food regulations. This speeds up the development time and the release to market for our customers!”

Typical Applications

- Food packaging
- Cosmetic packaging
- Dispensing droppers
- Screw sealing
- Soft touch surface
- Ear plugs
- Kitchen utensiles



Technical Data

		TF30QD -LCNT	TF50QD -LCNT	TF80QD -LCNT
Hardness	Sh A	30	50	80
Density	g/cm ³	0.880	0.880	0.885
Tensile strength	MPa	6.0	8.5	12.5
Elongation at break	%	750	800	750
Tear resistance	N/mm	8.0	13.0	26.0
Compression Set 24 h/70°C	%	27	33	50
Adhesion to		PP	PP	PP
Regulation (EU) No 10/2011		✓	✓	✓
US FDA CFR 21 (recipe)		✓	✓	✓
GB 4806-2016		✓	✓	✓
Mercosur N° 39/19		✓	✓	✓

TALK TO OUR EXPERTS!

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