



### Our Know-how – Your Advantage

Driven by high demand, KRAIBURG TPE offers a further developed product for extremely soft applications. Based on customer requests and many years of practical experience, NEXT GENERATION Supersoft TPE covers new application areas and requirements of today and tomorrow. The three NEXT GENERATION Supersoft TPE are available pre-colored and translucent. Transparent solutions are also possible.

- Dry, very soft surface, similar to human skin
- Hardness range 30 to 50 Sh 00 and 45 to 70 VLRH
- Substantially reduced tendency to oil out
- Good media resistance
- High elasticity
- Tested according to ISO 10993-10 (skin irritation)
- Raw materials conformity to regulation (EU) No 10/2011 and FDA CFR21
- Conformity to DIN EN 71-3 standards for toys
- Processable by injection molding as well as 3D printing

### Marius Kantoch

Application specialist

“Based on various customer requests, we have incorporated our many years of experience with an established product into further development and we are pleased to present NEXT GENERATION Supersoft TPE, a range of compounds perfectly tested and equipped for all requirements that supersoft TPEs have to meet.”

### Typical Applications

- Gel and soft pads
- Bike equipment
- Orthosis
- Cosmetic applications
- Toys
- Fishing baits



### Technical Data

		TF3ZGO-LCNT	TF4ZGO-LCNT	TF5ZGO-LCNT
Hardness	Sh 00	32	45	51
Hardness	VLRH	48	60	69
Density	g/cm <sup>3</sup>	0.870	0.873	0.875
Tensile strength				
Modulus				
100 %	MPa	0.1	0.1	0.2
300 %	MPa	0.1	0.2	0.2
Elongation at break	%	>1000	>1000	>1000
Compression Set (72h/23°C)	%	8	10	10

### TALK TO OUR EXPERTS!

**KRAIBURG TPE GMBH & CO. KG - EUROPE, MIDDLE EAST, AFRICA**

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