

Elastollan® Thermoplastic Polyurethane (TPU)

Concentrate Reference Sheet

Handling & Recommendations

- Pre-blend with resin and dry before processing following the TPU carrier recommendations
- Loading % is dependent on application severity
- Food Contact may be suitable for food contact and/or medical device applications. Please contact BASF for additional information.

Resources



[Elastollan.com](https://www.elastollan.com)



[Processing Guide](#)

Product Name	Description	Recommended Loading [wt%]	Food Contact Version Available
STABILIZATION			
Konz V 2876	UV stabilizer concentrate for polyester TPU	2 - 4	Yes
Konz V 2877	UV stabilizer for polyether TPU	2 - 4	
Konz 2943	UV stabilizer concentrate	2 - 5	
LUBRICANTS & ANTI-BLOCKING			
WY 085 VL	Lubricant concentrate	2 - 4	
Konz 926	Anti-blocking, Matte finish, Imparts opacity	5 - 10	Yes
Konz 927/1	Anti blocking concentrate	2-4%	Yes
Konz 950/1	Anti-blocking concentrate	0.5 - 2	Yes
Konz 978	Anti-blocking concentrate	2 - 10	Yes
Konz V 2906	Anti-blocking, Matte finish, Translucent	5 - 10	
Konz 2913	Lubricant Concentrate, slightly yellow	Up to 2.5	Yes
FOAMING SOLUTIONS			
Konz V 2883	Black color concentrate for foamed TPU. Max Dry Temp 75C.	1 - 3	
Konz V 2893	Chemical blowing agent. Pre-blend with resin and dry before processing at max 75C. Max drying temp 75C. Avoid a storage temperature above 50C.	1 - 4	
Konz 2919	Physical blowing agent (~190-230C processing temp). Pre-blend with resin and dry before processing below 70C (melting point of MB ~72C).	1 - 8	
ANTI-STATIC			
Konz 2908	Anti-static concentrate for polyester TPU	1 - 4	
Konz 2925	Anti-static concentrate for polyether TPU	1 - 4	

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Product Name	Description	Recommended Loading [wt%]	Food Contact Version Available
OTHER			
Konz V 2804 B	Laser marking concentrate	1 - 3	
Konz V 2878	Metal deactivator concentrate	1 - 2	
Konz V 2881/1	Abrasion enhancer concentrate. Works best under shore 90A	0.5 - 2	
Konz V 2884	Nucleating agent	1 - 5	
Konz V 2887	Abrasion enhancer concentrate, and processing aid for polyether TPU	0.5 - 2	
Konz V 2937	Abrasion enhancer concentrate and processing aid for polyester TPU	0.5 - 3	
X-Flex 2905	Cross-linking concentrate (Colorless to yellowish). Material should not be dried. Contains isocyanate.	1 - 10	
X-Flex 2909	Cross-linking concentrate (Colorless to yellowish). Material should not be dried. Contains isocyanate.	1 - 10	
COLOR & OPTICAL BRIGHTENERS			
Konz 714	Grey color concentrate	2	
Konz 917/4	Black color concentrate	1 - 3	
Konz V 2632	Dark grey color concentrate	2	
Konz V 2699	Beige color concentrate	2	
Konz V 2720	Orange color concentrate	2	Yes
Konz V 2722	Red color concentrate	2	
Konz V 2739	Blue color concentrate	2	
Konz V 2746	White color concentrate	2	Yes
Konz V 2766	Yellow color concentrate	2	
Konz V 2880	Optical brightener with polyether carrier. Easy melt	0.5 - 1	
Konz V 2896	Black color concentrate (HPM materials only)	1 - 2	
Konz V 2927	Deep Chocolate color concentrate	6	

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