



Our Know-how – Your Advantage

- Weight reduction up to
 - » 35 % compared to standard TPS
 - » 30 % compared to TPV
 - » 50 % compared to PVC
- Thoroughly tested for UV- and weathering resistance
 - » 2 year-cycle Florida testing (PV3930): passed
 - » 2 year-cycle Kalahari testing (PV3929): passed
- Adhesion to polyolefinic materials (e.g. PP, TPV, TPS) in injection molding and coextrusion
- Excellent compression set
- Reduced shrinkage and warpage of parts
- Closed and uniform surface structure
- Matted surface
- Black grades available directly; natural grades available on short notice
- Coloring after consultation on individual requirements possible
- Applications in the automotive exterior

Matthias Michl Application Specialist

“These new, innovative THERMOLAST® K Lightweight TPE materials show not only a significant weight reduction but also present an extraordinarily good compression set.”

Typical Applications

- Door sealings
- Window sealings
- Cowl sealings
- Window encapsulations
- Anti-rattle-seals
- Roof rail mats



Technical Data

		TL60WG-BLCK	TL60CW-BLCK
Hardness	Sh A	60	65
Density	g/cm ³	0.72	0.73
Tensile strength	MPa	2.7	3.0
Elongation at break	%	250	250
Tear resistance	N/mm	10.5	10.0
Flow spiral	cm	63	56
Compression set			
72h / 23°C	%	14	12
24h / 70°C	%	24	17
24h / 100°C	%	-	28
Adhesion to		PP, TPS, TPV	PP, TPS, TPV

TALK TO OUR EXPERTS!

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

✉ Lightweight@kraiburg-tpe.com

KRAIBURG TPE TECHNOLOGY (M) SDN. BHD. - ASIA PACIFIC

✉ Lightweight@kraiburg-tpe.com

KRAIBURG TPE CORPORATION - AMERICAS

✉ Lightweight@kraiburg-tpe.com