



Our Know-how – Your Advantage

- Weight reduction up to
 - » 35 % compared to standard TPS
 - » 30 % compared to TPV
 - » 50 % compared to PVC
- Excellent compression set
- Reduced cooling and cycle time
- Reduced shrinkage and warpage of parts
- 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
- Variants with adhsion to PA available
- Low gloss level

Matthias Michl Application Specialist

“Our innovative Lightweight TPE materials show the best sealing performance within our TPE portfolio and thus, open up completely new application possibilities in the sealing market.

Combining this technology with recycling content is an additional important step towards more sustainable materials. It enables our customers to optimize the PCF of their parts not only by significantly reducing weight but as well by using more sustainable TPE with reduced PCF values.”

Typical Applications

- 2K door sealings
- Extruded sealings
- Hood and trunk stoppers
- Anti-rattle-seals
- Roof rail mats



Technical Data

NEW

Series	LW/UV Series	LW/CS/UV Series	LW with Recycling Content
Hardness range	60-80 ShA	35-75 ShA	35-80 ShA
Highlights	<ul style="list-style-type: none"> ▪ Weight reduction ▪ Reduced cooling and cycle time ▪ Reduced warpage and shrinkage 	<ul style="list-style-type: none"> ▪ Excellent Compression Set ▪ Outstanding sealing performance ▪ Adhesion to PP and PA 	<ul style="list-style-type: none"> ▪ Recycling content up to 51 % ▪ PCF reduction
Material reference	TL60WG-BLCK	TL60CW-BLCK	RL60CW-BA60
Hardness	60 ShA	65 ShA	60 ShA
Density	0.72 g/cm ³	0.73 g/cm ³	0.73 g/cm ³
Compression set			
72h / 23°C	14	12	12
24h / 70°C	24	17	14
24h / 100°C	-	28	30

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