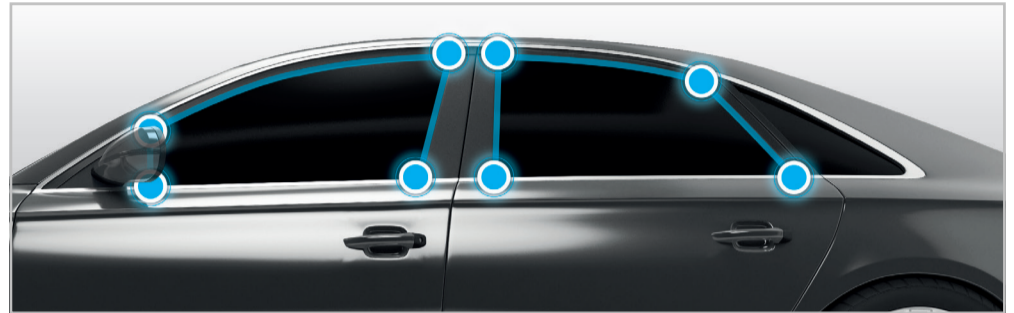


Typical Applications

- Glass run channels
- Corner moldings
- Endcaps
- Outer waist belts
- Fenders and door sealings
- Windows encapsulations



Our Know-how – Your Advantage

- Constant EPDM adhesion quality
- Improved EPDM adhesion after heat aging (proven at 90 °C) without oil bleeding
- Optimized flow properties lead to broad processing window and greater part and tool design freedom
- Low internal tool pressure
- Easy demolding
- Low coefficient of friction
- Weathering resistance and color stability
- Wear and tear resistance
- Homogeneous surface quality
- Low density leads to potential weight reduction
- Coloring in OEM exterior colors possible
- Detailed processing guidelines for EPDM adhesion compounds available

Technical Data

Value	Unit	TC7WEZ	NEW	NEW	NEW
			TC7RQP-BLCK	TC8RQP-BLCK	STC9341/288
Highlight		Reference Automotive Exterior	EPDM bonding, low CoF	EPDM bonding, low CoF	Approval from GM and Stellantis
Hardness	ShA	72	67	78	78
Density	g/cm ³	0.930	0.930	0.920	0.900
Tensile strength (TS)	MPa	8.0	6.0	7.0	7.0
Elongation at break	%	650	550	500	653
CS 72h/23 °C	%	32	30	35	44
CS 24h/70 °C	%	50	65	65	62
Flow spiral (760 bar)	cm	90 (200 °C)	95 (240 °C)	90 (240 °C)	103 (200 °C)
EPDM Adhesion*					
TS parallel	MPa	-	3.2	3.3	-
TS cross	MPa	-	3.6	3.4	-
TS parallel - 7d/90 °C	MPa	-	3.4	3.6	-
TS cross - 7d/90 °C	MPa	-	4.3	4.1	-

*acc. WDK 2701 "EPDM-TPE-Hybrid Components for Vehicle Body Sealing Systems"

Alexander Mayer

Senior Business Development Manager

"Compared to pure EPDM sealing solutions, the TPE-EPDM hybrid technology is in line with market trends due to higher process efficiency, a lower carbon footprint and weight reduction, helping customers to achieve their sustainability goals.

KRAIBURG TPE holds several patents for compounds with EPDM adhesion in Europe and North America, which underlines the importance of this technology."

TALK TO OUR EXPERTS!

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