



Typical Applications

- A/B/C pillar covers
- Mirror triangles
- "Hofmeister" corners
- Window encapsulations
- Water deflectors
- End caps
- Brake light enclosures



Our Know-how – Your Advantage

- UV resistance in combination with adhesion to ABS, ASA, PMMA, PC
- Versatile possibilities for applications in the Automotive exterior
- Reference applications already successful in the market
- Close cooperation with European OEMs
- Tested acc. to 2year-cycle Florida (PV3930) and Kalahari (PV 3929)
 - » Very good grey scale
 - » Color stability
 - » No cracking and stickiness
- Adhesion to engineering thermoplastics
 - » High initial adhesion
 - » Stability after heat storage and climate change test
- Wide processing window
- Injection molding at low pressures possible
- Homogeneous surface mapping and high surface quality
- Color approval by PSA
- Hardness range: 50 to 80 Shore A

Technical Data

		TC5MUZ	TC6MUZ	TC7MUZ	TC8MUZ
Hardness	Sh A	54	65	74	83
Density	g/cm ³	1.100	1.100	1.100	1.100
Tensile strength	MPa	8.0	9.0	10.0	12.0
Elongation at break	%	600	600	600	600
Tear resistance	N/mm	16.0	21.0	27.0	34.0
Flow spiral 240 °C	cm	47.0	49.0	42.0	40.0
Adhesion to PC	N/mm	2.2 (C)	4.1 (C)	7.6 (C)	6.0 (A)
Adhesion to ABS	N/mm	2.2 (C)	4.4 (C)	8.0 (C)	7.6 (A)
Adhesion to ASA	N/mm	2.2 (C)	4.0 (C)	7.2 (C)	5.1 (A)
Adhesion to PMMA	N/mm	2.3 (C)	3.7 (C)	4.3 (A)	0.9 (A)

TALK TO OUR EXPERTS!

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Project leader Andreas Dörner

"In pilot projects with our customers, we were able to prove that the new developments have an outstanding surface quality due to a wide processing window. The excellent adhesion to polar thermoplastics was a key property for the successful market launch."