



Our Know-how – Your Advantage

The UV/AD/PA series is your material solution for applications requiring UV resistance and adhesion to Polyamide. It is particularly suitable for automotive exterior applications. The compounds are available in black.

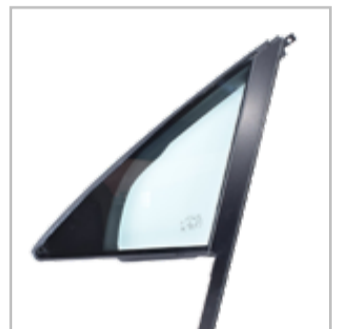
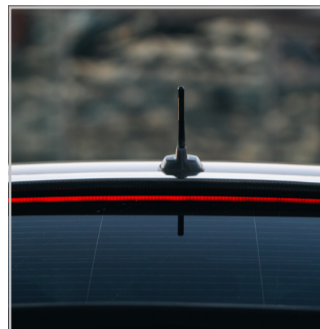
- Hardness range from 50 to 70 Shore A
- Cohesive adhesion to PA6 and PA6.6.
- UV and weathering resistance acc. to Florida PV3930 and Kalahari PV3929
- High flowability – realization of thin and long part geometries
- Low injection pressure – enables low glass breakage rates
- Wide processing window – avoids surface defects such as tiger stripes

Matthias Michl Application Specialist:

„For the first time we created a synergy from our adhesion technology to PA and weather-resistant TPE. The customer benefits from our product because the injection molding process is more efficient, e. g. for window encapsulations.“

Typical Applications

- Roof rails
- Antenna
- Window encapsulations with PA bracket
- Pillars
- Fasteners



Technical Data

		TC5NWG-BLCK	TC6NWG-BLCK	TC7NWG-BLCK	TC6NWP-BLCK
Hardness	Sh A	50	60	70	60
Density	g/cm ³	1.000	1.000	1.000	1.000
Tensile Strength	MPa	6.9	7.9	7.8	4.6
Elongation at Break	%	736	768	679	644
Spiral Flow 200 °C/760 bar/2 mm	cm	70	76	84	106
CS 72 h/23 °C	%	21	25	30	28
CS 22 h/70 °C	%	36	42	47	47
Adhesion to PA 6	N/mm	-	6.8 (D)	8.7 (D)	5.2 (D)
Adhesion to PA 6.6	N/mm	6.3 (D)	6.8 (D)	6.5 (D)	-

TALK TO OUR EXPERTS!

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