



### Our Know-how – Your Advantage

The AD1/AP series is your material solution for applications in automotive interior and industrial parts such as handles for tools and power tools targeted to the Asia Pacific market. It features superior adhesion to polar types of thermoplastic including PC and ABS with smooth and soft surface quality. The compounds are available in black.

- Multi-component injection molding with adhesion modifications to PC, ABS, SAN
- Controlled level of emission and odor, suitable for automotive interiors
- Smooth surface
- Soft, non-sticky haptic
- Easy processing
- Insert molding possible

### Typical Applications

- Handles
- Bumpers
- Door sills
- Thumb wheels
- Car mats
- Soft touch surface
- Seals
- Automotive Interior



### Technical Data

		TC6PGG -BLCK	TC7PGG -BLCK	TC8PGG -BLCK
Hardness	Sh A	60	70	80
Density	g/cm <sup>3</sup>	1.15	1.15	1.15
Tensile strength	MPa	4.5	5.5	5.5
Elongation at break	%	550	570	500
Tear resistance	N/mm	18.0	22.0	23.0
CS 24 h/ 70 °C ISO815 Method A	%	59	66	59
Adhesion to ABS	N/mm	5.0 (C/D)	5.5 (C/D)	7.0 (C/D)
Adhesion to PC	N/mm	5.5 (D)	6.0 (D)	7.5 (D)
Fogging	mg	0.15	0.17	0.11
Scratch resistance 10N	DE	0.56	0.39	0.20
Scratch resistance 10N	GS	4.0	4.5	4.5
Ozone resistance	Level	0	0	0

### TALK TO OUR EXPERTS!

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### Project Manager Marcus Cheah

“TPEs with two component molding capabilities give more innovation and possibilities on plastic part design. They improve soft-touch elements and reduce annoying, rattling and creaking noise when used as damping elements. Our low-odor and emission TPE solutions meet the high OEM requirements for automotive interior applications.”