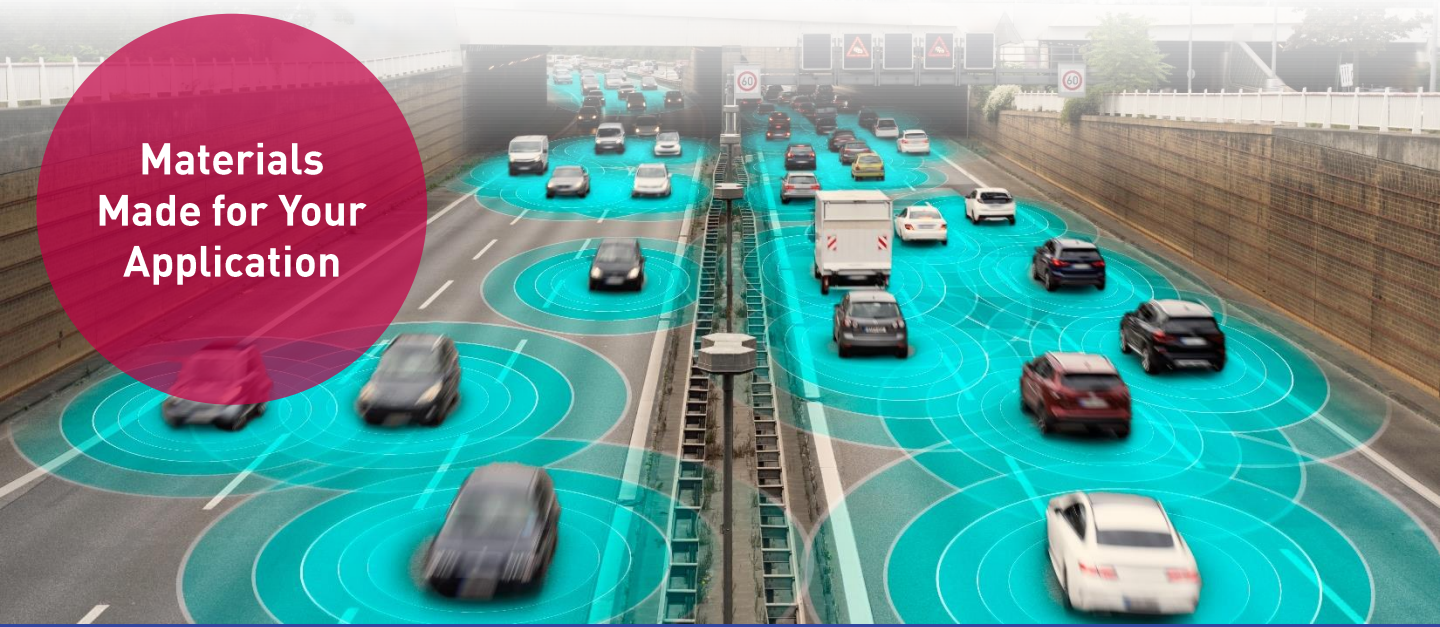


**Materials
Made for Your
Application**



ADAS – Advanced Driver Assistance Systems

Dedicated materials for front cameras and camera modules

What you can expect from us:

- Existing material portfolio for sensors
- Materials with dedicated reflection and absorption properties
- Thermally and/or electrically conductive materials
- Recycled materials with certified carbon footprint

Main applications:

#1 Absorber Plates

Customized LUVOCOM PP.

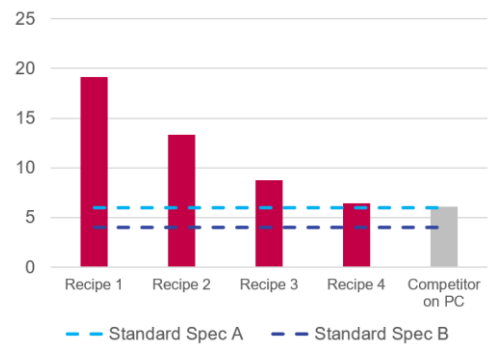
Advantages vs. polycarbonate:

Benefits:

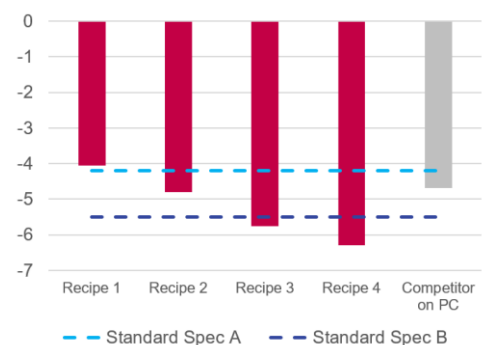
- Lower carbon footprint
- Tailored absorption and reflection behavior
- Very good processability despite high filling
- Improved isotropic properties
- Better dimensional stability
- Lower processing temperature
- Reduced cycle times
- Lower density



Absorption coefficient in dB/mm



Reflection loss in dB

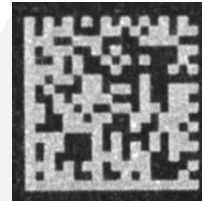
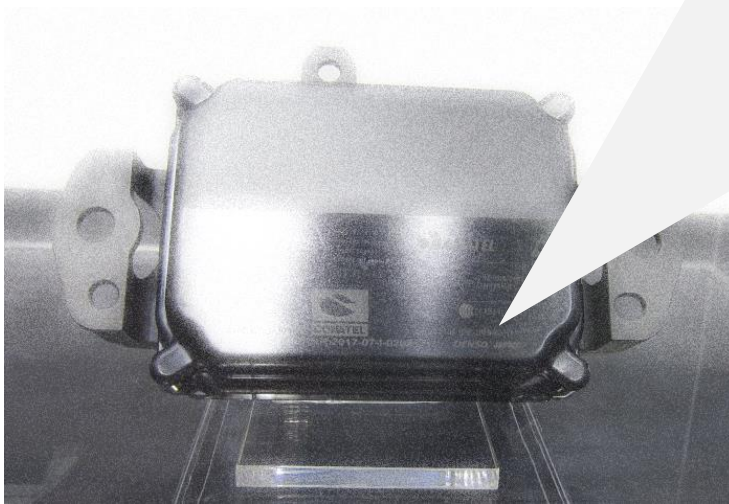


#2 Radar Sensor Housings

Customized LUVOCOM PP

Advantages vs. commonly used PBT GF30:

- Reduced carbon footprint
- Isotropic properties
- High dimension stability
- Thermally conductive $\sim 1.0 \text{ W/mK}$
- Electrically insulative
- Better processability (lower temperatures and cycle times, no pre-drying needed)
- Better hydrolysis resistance
- Excellent heat and copper resistance
- Improved chemical resistance to under the hood chemicals
- Laser weldable and markable (Class A/4.0)



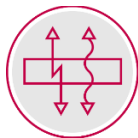
Source: www.marklines.com



STRUCTURAL



RESISTANT



CONDUCTIVE



SUSTAINABLE



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