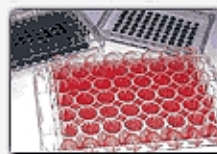




## Durability of wettability and adhesion with AQUACER®

AQUACER® coating provides any surface with stable hydrophilicity for better wettability and adhesion. This coating applies for white goods, medical devices and stationeries. Materials like ABS, PC, PE, PP, PA, PEEK, PP; PA, PMMA or PPS can achieve water contact angles  $< 10^\circ$ . Small and micro structures are value added with a dry plasma coating process. Strict process control assure quality, reproducibility and easy handling with the plasma equipment.

**PLASMA ELECTRONIC GmbH** provides the Low-Pressure-Plasma equipment like the CVD-Piccolo, CVD-Domino and Porta900 to apply these layers at low temperature, accurately, cleanly and cheaply to a wide variety of substrates - regardless of the substrate geometry.



<b>Specifications: AQUACER®</b>	
<b>Process type:</b>	Plasma assisted CVD deposition
<b>Contact angle with water:</b>	$20^\circ$ to $< 5^\circ$
<b>Surface energy:</b>	$> 72$ mN/m
<b>Optical properties:</b>	No change
<b>Surface modification:</b>	Coating with a thickness of nm - $\mu$ m
<b>Process temperature:</b>	Room temperature – $70^\circ\text{C}$
<b>Substrate:</b>	ABS, PC, PE, PP, PA, PEEK, PP; PA, PMMA, PPS, metal, glass, ceramic, quartz...

AQUACER® is a trademark of PLASMA ELECTRONIC GmbH

