



Better wettability and adhesion with ACTIPLAS®

ACTIPLAS® provides any surface with hydrophilicity for better wettability and adhesion. The activation process applies for plastic devices from automotive, medical, optical, toy and electronic industry. Materials like ABS, PC, PE, PP, PA, PEEK, PP; PA, PMMA or PPS can achieve water contact angles $< 20^\circ$. Small, complex and micro structures are value added with a dry plasma activation 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 standard units Piccolo and Domino to apply this process at low temperature, accurately, cleanly and cheaply to a wide variety of substrates - regardless of the substrate geometry.



Specifications: ACTIPLAS®	
Process type:	Plasma - surface reaction
Contact angle with water:	30° to $< 20^\circ$
Surface energy:	> 56 mN/m
Optical properties:	No change
Surface modification:	Generation of polar groups
Process temperature:	Room temperature
Substrate:	ABS, PC, PE, PP, PA, PEEK, PP, PA, PMMA, PPS,

ACTIPLAS® is a trademark of PLASMA ELECTRONIC GmbH

