

POLYMER BLENDS – INDIVIDUAL STRENGTHS COMBINED



- Blends based on PC with ABS, ASA and PBT for maximum impact resistance
- PA blends with ABS and ASA for high heat distortion temperatures and matt surfaces
- Can be coloured in all shades
- Customized modifications available on request (reinforcements, flame retardancy, ...)

WHEN ONE STRENGTH IS JUST NOT ENOUGH – POLYMER BLENDS BY BADA

Engineering plastics have excellent characteristics, but mostly they are not “all-rounders”. The strengths of both components can be combined by blending two plastics – which is Bada’s polymer blend strategy.

Blending PC with ABS, for example, considerably enhances the notched impact strength in the cold, yet maintaining the heat distortion temperature of PC. If the system is required to be UV resistant, too, the substitution of ABS by ASA will result in a clearly higher light resistance.

Customized solutions can also be achieved on the basis of polyamide. PA blends with ABS or ASA show excellent notched impact strengths in the cold respectively excellent UV resistances.

Blends of polyamide with propylenes have lower density and lower water absorption capacity compared to pure polyamide. In addition, the blend can be coated with unmodified TPE-S, which enables interesting two-component applications.

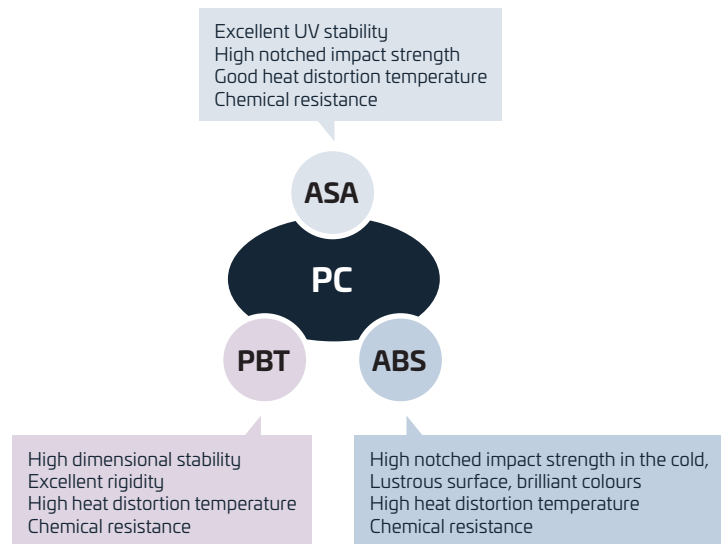
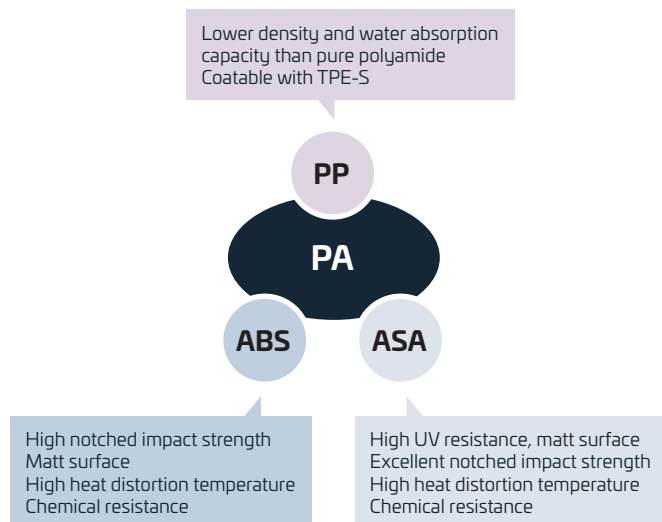
Diversity hardly knows a limit – please, do challenge us! These systems can be coloured in almost every shade.



► **FOR TAILOR-MADE SOLUTIONS, PLEASE CONTACT OUR APPLICATION TECHNOLOGY DEPARTMENT.**

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A SELECTION OF OUR POLYMER BLENDS AT A GLANCE



**CUSTOMIZED MODIFICATIONS ARE AVAILABLE ON REQUEST.
PLEASE CONTACT OUR APPLICATION TECHNOLOGY DEPARTMENT!**

BADAMID®

PA6 | PA66 | PA66/6 | PA6/6T | PPA
PA46 | PA9T | PA12 | PA612 | PA610

BADATECH HT® HIGH-PERFORMANCE COMPOUNDS

BADATRON® PPS

BADAFLEX® TPE-S | TPU | TPE-E

BADAPRENE® TPV (EPDM | PP)

BADADUR® PBT | BLENDS

BADALAC® ABS-SPECIALITIES | BLENDS

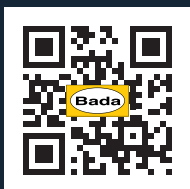
BADAFORM® POM

BADALON® PC-SPECIALITIES | BLENDS

BADAPROP® PP-SPECIALITIES



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