

PPASSION FOR PERFECTION

The Ultramid® PPA Portfolio:
We provide the PPA you need

PPA Business Introduction

A man wearing a white shirt, a brown hat, and suspenders is seen from behind, drawing a path through a complex maze on a chalkboard. The maze is drawn with white lines, and the path he is drawing is highlighted in orange and yellow. The background is a dark, textured surface.

■ BASF
We create chemistry

„Veľmi si vážime, že ste prejavili záujem o naše produkty na báze PPA. Jedná sa o dynamicky rozvíjajúcu sa skupinu polymérnych materiálov, ktoré ponúkajú možnosti využitia termoplastických materiálov aj tam, kde to zatiaľ nebolo technicky možné.

Na nasledujúcich stránkach sme pre Vás pripravili stručné predstavenie ich základných vlastností. Celé portfólio zahŕňa niekoľko rôznych modifikácií a nie je možné ich všetky detailne predstaviť. Preto budeme radi, keď nás oslovíte pre ďalšie informácie. Kontaktné údaje nájdete na poslednej strane.”

Milan Kopeček

Obchodný zástupca pre technické plasty, BASF spol. s r.o.



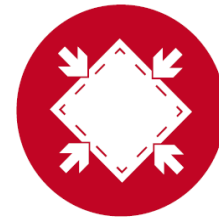
The technical advantages of our polyphthalamides support our customers to innovate



**Higher stiffness
or strength in hot
and/or humid
conditions**
(also creep, fatigue)



**Higher chemical
resistance:**
e.g., against hot
coolants, road salts,
AdBlue®



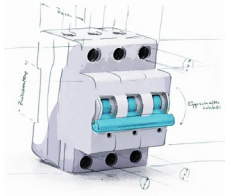
**Better dimensional
stability:**
lower water uptake
than PA66, lower
thermal expansion
than PBT



**Better E&E
performance:**
high melting point
and no blistering
for SMT, better
dielectric properties

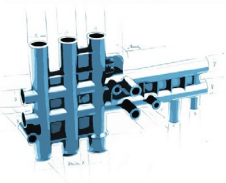
Ultramid® PPAs

BASF's polyamide portfolio - overview



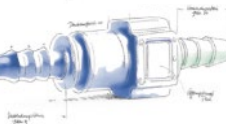
Ultramid® One J – bridging the gap between PA66 and PPA for E&E applications

Easy processing similar to standard PA66, high flowability, good colorability with even white color shades
Portfolio: **PA 66/6T** FR grades for E&E and non-FR grades, e.g., for fuel cell applications



Ultramid® T7000 – bridging the gap between PA66 and PPA for metal replacement

PPA blend with good stiffness and strength, low moisture absorption, suited for metal replacement
Portfolio: **PA/PPA blend** various GF-reinforcements, IM



Ultramid® T KR – The PPA pioneer

Very tough, T resistant, easy processing
Portfolio: **PA 6T/6** unreinforced, GF30 to GF50, FR grades for E&E, impact modified

Ultramid® Advanced T1000 – strong and stable

Mechanically strong and stiff, very stable at elevated T, chemically resistant
Portfolio: **PA 6T/6I** GF30 to GF50, HR grades

Ultramid® Advanced T2000 – connecting strengths

High flowability, high dimensional stability, very good SMT performance, dielectric and mechanical strength
Portfolio: **PA 6T/66** GF30 to GF50, FR grades for E&E

Ultramid® Advanced N – superhero





Highest chemical resistance and best dimensional stability, strongest and stiffest at elevated T
Portfolio: **PA 9T** unreinforced, GF30 to GF35, extrusion & HR & FR

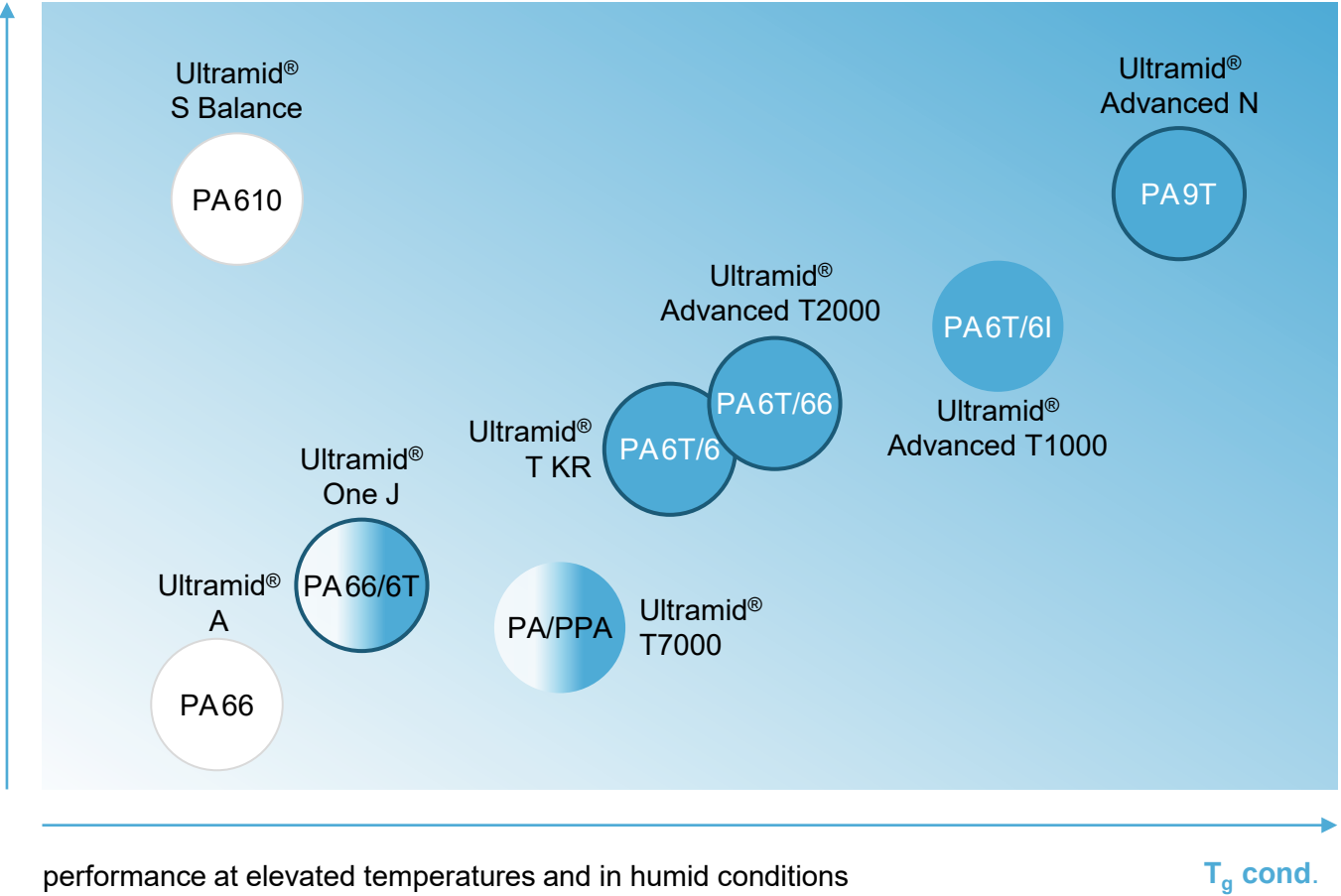


Ultramid® PPAs

BASF offers a broad polyphthalamide portfolio

chemical resistance
low water uptake
dimensional stability
hydrophobicity

-  PPA = Polyphthalamide
-  PPA blend or PPA copolymer < 55% aromatic diacid content
-  PA = Polyamide
-  Flame retardant grades available



Tg	Dry / cond.
9T	125 / 100°C
6T/6I	130 / 80°C
6T/66	95 / 55°C
6T/6	90 / 50°C
PPA blend	80 / 40°C
66/6T	80 / 20°C
66	65 / 10°C

Ultramid® PPAs

PPA product selector and website ppa.basf.com

- Easily select PPA product based on requirements
- TDS comparison of up to four grades
- Contains all PPA brochures
- Includes press releases and videos
- Available globally on www.ppa.basf.com website



PPASSION FOR PERFECTION
The Ultramid® Advanced Portfolio. We provide the PPA you need.

Product Selector

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Processing ^
Property range ^
Polymer and brand ^

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Product Filter

Application ^
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Polymer and brand ^
Processing ^
Property range ^
Industry ^
Material properties ^

Results (64) Remove selection Compare your selection (0/4)

Ultramid® Advanced N4H UN

Polymer and brand PA9T (Ultramid® Advanced N)
Processing Technology Injection molding / Extrusion
Features Unreinforced, medium heat stabilization, non-flame retardant, uncolored
Contact More Information

Ultramid® Advanced N4H LS bk

Polymer and brand PA9T (Ultramid® Advanced N)
Processing Technology Injection molding / Extrusion
Features Unreinforced, medium heat stabilization, non-flame retardant, black
Contact More Information

Pre viac informácií, prosím, kontaktujte:

Milan Kopeček

Team Leader Sales Central Europe

Mobile: +420 730541852,

Email: milan.kopecek@basf.com



We create chemistry