



THE SPECIALISTS FOR  
THERMOPLASTICS & ELASTOMERS

## PARTIALLY AROMATIC POLYAMIDE COMPOUNDS

### **BADAMID®** PPA

- Compounds based on polyphthalamide for high permanent operation temperatures
- Melting temperature > 300 °C
- Glass fibre content available up to 60%
- Maximum rigidity and strength
- Extremely low hygroscopicity

### MORE VERSATILE THAN METAL

Being an alternative to metallic materials, engineering plastics with high stability and heat distortion temperatures form an integral part of material science.

Bada AG offers a wide range of compounds based on polyphthalamide: its Badamid PPA types.

Due to their high melting temperatures, Badamid PPA-HT and Badamid PPA-HP types have ideal thermal properties. Due to its low glass transition temperature, Badamid PPA-GP is suitable for processing with mould temperatures < 100 °C, which may offer considerable economic advantages.

With this range of types, Bada AG offers the perfect solution for any requirement.

On the reverse side you will find a detailed listing of the types available.



► FOR QUESTIONS OF DETAIL, PLEASE CONTACT OUR  
APPLICATION TECHNOLOGY DEPARTMENT.



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# PARTIALLY AROMATIC POLYAMIDE COMPOUNDS

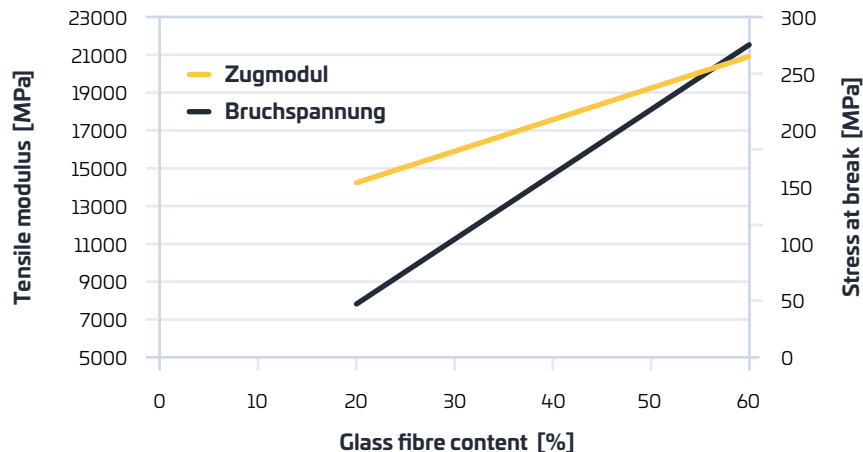
## AVAILABLE PRODUCTS AT A GLANCE

| Badamid    | PPA-HT   | PPA-HP   | PPA-GP   |
|------------|----------|----------|----------|
| $T_m^{1)}$ | ≈ 330 °C | ≈ 310 °C | ≈ 310 °C |
| $T_g^{2)}$ | > 120 °C | > 120 °C | < 100 °C |

1) Melting temperature; 2) Glass transition temperature

- **Badamid PPA-HT:** For highest demands on heat distortion temperatures
- **Badamid PPA-HP:** Brilliant surfaces and excellent processing properties
- **Badamid PPA-GP:** Shortest cycle times, metalline properties

## TENSILE MODULUS AND STRESS AT BREAK OF BADAMID PPA-HP



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

## BADAMID®

PA6 | PA6.6 | PA6.6/6 | PA6/6T | PPA  
PA4.6 | PA10T | 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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