



PENTAC

The engineering plastics company

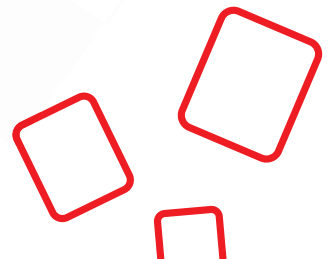


Fastening technology



**WE FIX
EVERYTHING**

Our dedicated products for construction,
automotive, electrical and electronic industry



PRODUCTS & PROPERTIES

Product grade

Designation

PENTAMID® B S L H

PA6, easy flowing, standard

PENTAMID® B L10 H

PA6, impact modified

PENTAMID® B E20 H

PA6, highly impact modified for low temperature

PENTAMID® A SK H

PA66, non-reinforced, standard

PENTAMID® AB L5 H

PA66 + PA6-alloy, impact modified, easy flowing

PENTAMID® A L10 H

PA66, impact modified

PENTAMID® A E20 H

PA66, highly impact modified for low temperature

PENTAMID® B GV30 H

PA6, 30% glass fibre reinforced

PENTAMID® B GV50 H

PA6, 50% glass fibre reinforced

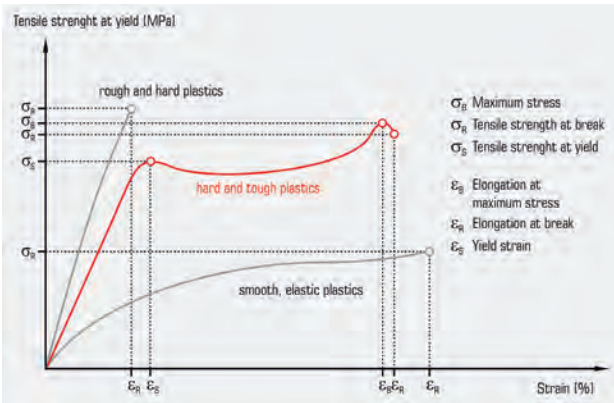
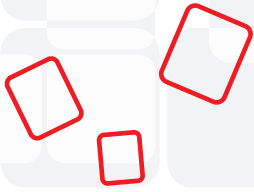
PENTALLOY® BP H

PA6 + PP, non-reinforced PA6/PP alloy



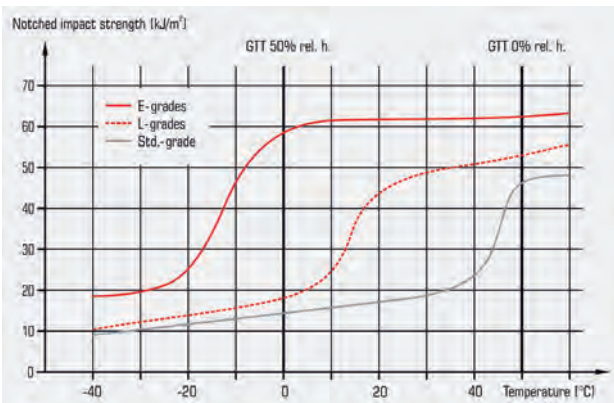
Let's go new ground!





■ Differentiation of polymer types

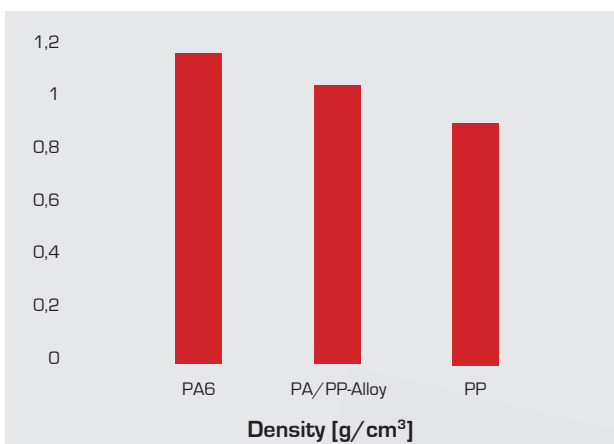
Stress-/ strain-curves



■ **L - Modification** for a well balanced, dry impact resistant performance

■ **E - Modification** for applications requiring superior low temperature impact properties

Notched impact strength as a function of modification (GTT=glass transition temperature)



■ **Weight reduction up to 10%**

■ **Possible cost reduction**

■ **excellent chemical resistance**

Comparison of Density Polyamide - Polypropylene



APPLICATIONS

Wall plugs in construction industry



Attachment clips in automotive industry



Cable fittings in electrical industry



PENTAC® –
We **keep** our
promises!


PENTAC

The engineering plastics company

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