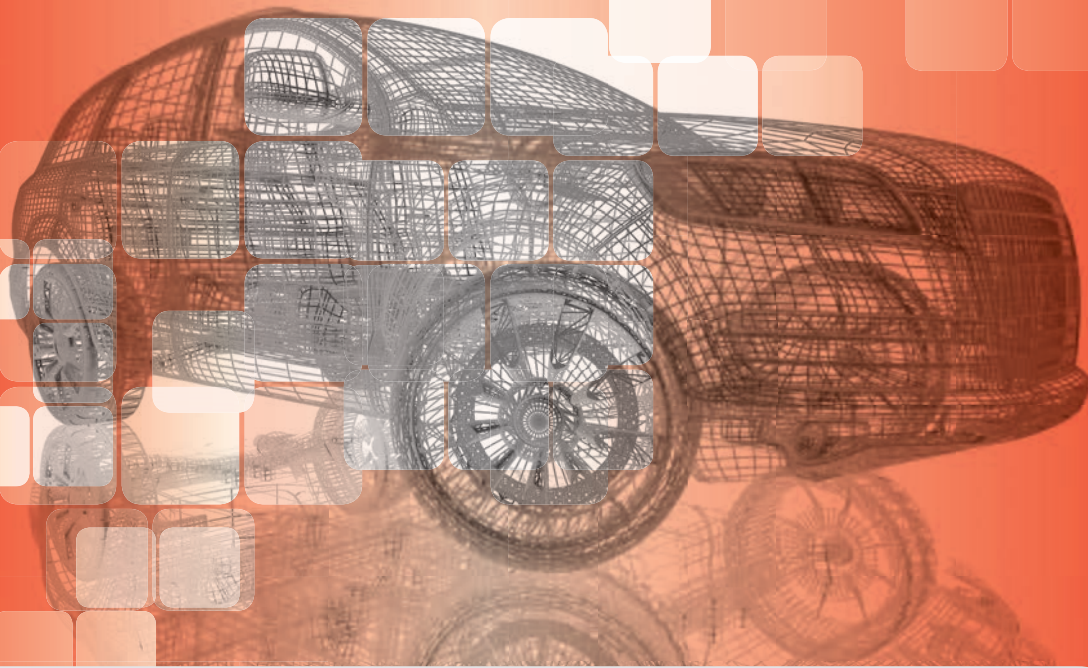




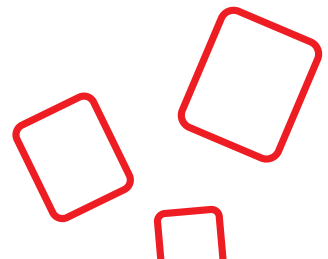
Automotive Industry



Advance **Dynamics.**

Always a mile ahead.

Our materials
for tomorrow's development.



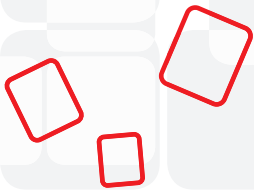
PRODUCTS & PROPERTIES

Product grade	Designation
1 PENTAMID® AB L5 H1	PA66 + PA6, impact modified, easy flowing
2 PENTAMID® B S GV30 H	PA6, 30 % glass fiber reinforced, easy flowing
3 PENTAMID® A GV30 H	PA66, 30 % glass fiber reinforced, standard
4 PENTAMID® AHS GV60 H2	PA66 + PA6T/66, 60 % glass fiber reinforced, ultra stiff
5 PENTAMID® AHT2 GV50 H2	PA6T/6I/66, 50 % glass fiber reinforced, highly temperature resistant
6 PENTAMID® B GV30 H2 RCS	PA6 - ReCompound, 30 % glass fiber reinforced, highly temperature resistant
7 PENTAMID® B GV10 MC20 H2 RC	PA6 - ReCompound, 10 % glass fiber reinforced + 20 % mineral reinforced, highly temperature resistant
8 PENTAMID® B S GVB16 H2	PA6, 16 % glass fiber + hollow spheres reinforced, highly temperature resistant
9 PENTALLOY® BP MK30 E H	PA6 + PP, 30 % mineral reinforced, less warpage
10 PENTALLOY® BP H	PA6 + PP, non-reinforced



*For the sake of
→ our environment!*

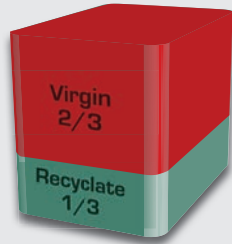
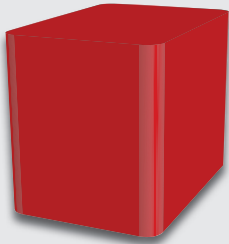




Virgin material
[virgin]

+

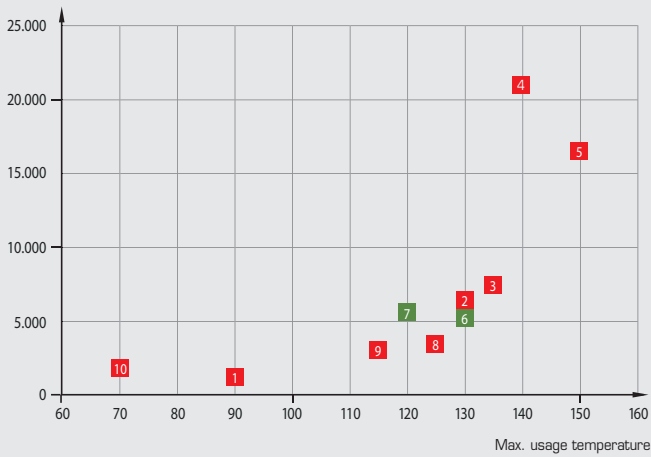
ReCompound
[recycled]



- Virgin material
- ReCompounds according to EU-directive 2000 / 53 / EG

Product range

Tensile-E-modulus, cond. [MPa]



- Selection of suitable materials for various applications

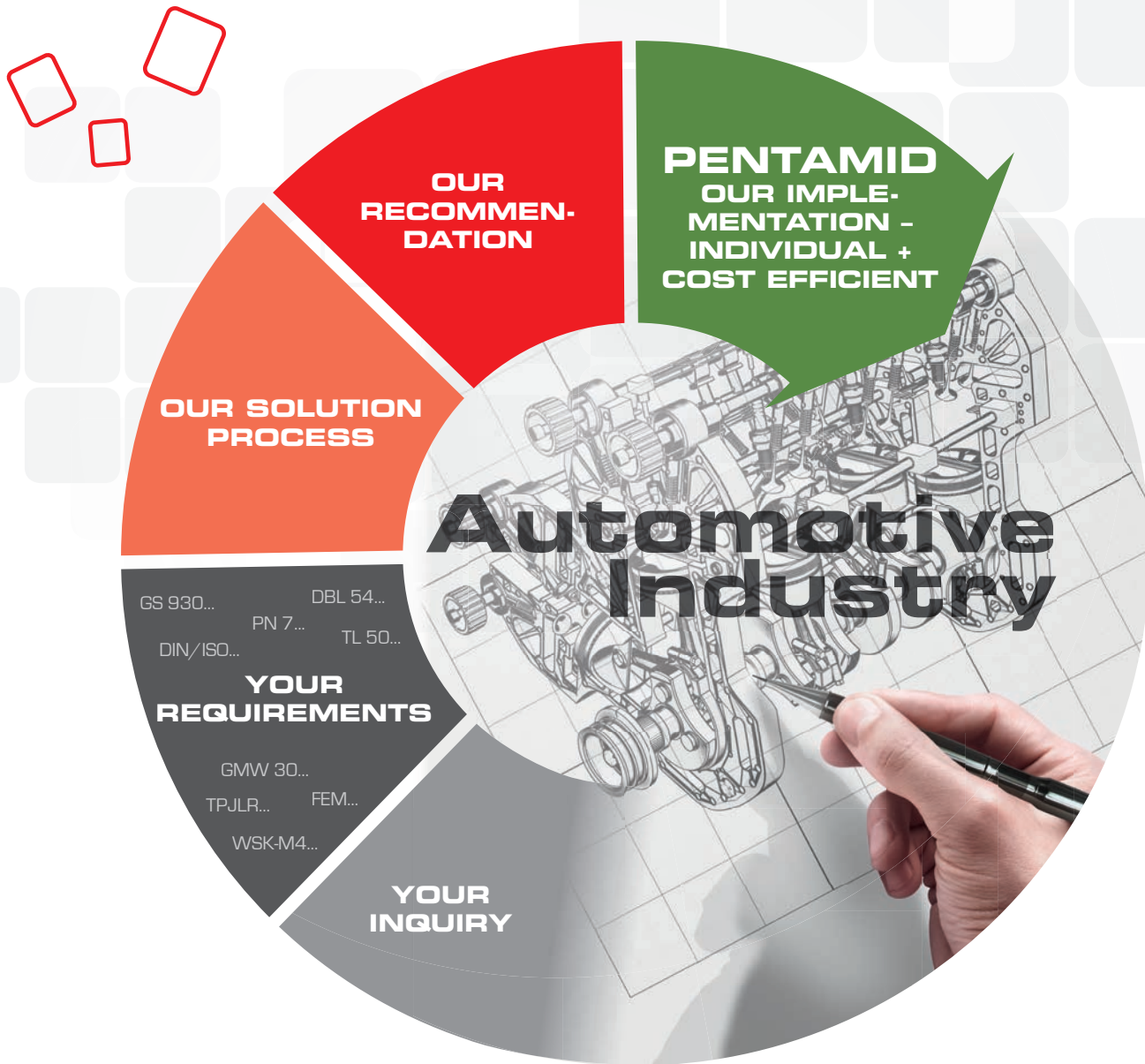
Operational temperature versus stiffness



- Easy flowing injection molding polyamides
- Density reduced PA and PP alloys
- Low warpage formulations with glassfibers / hollow spheres
- Ultra stiff, temperature resistant PPA grades

Cost efficient formulations





Automotive applications

- Beauty covers and timing belt covers
- Air intake manifolds
- Cylinder head covers
- Shift lever bearing
- Cable channels, plugs, switches
- Screw caps, engine support
- Control boxes, relay trays
- Lamp brackets
- Fuel filler flap
- Pedals
- Fuel pipes
- Chassis suspension parts
- Damping elements
- Fans, shrouds



PENTAC

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