

Solvay Performance Polyamides presents Technyl® Blue - the leading range for thermal management and superior chemical resistance

*Combines long-term thermal and glycol resistance
Superior processability compared to specialty polymers
Special compound offering high resistance to road salts*

Lyon, France, Oct. 17, 2017 – Solvay Performance Polyamides introduces the Technyl® Blue range, a heat stabilized material family for automotive thermal management combining superior hydrolysis and thermal ageing performance in presence of aggressive coolants.

Built on the proven strengths of Technyl® 34NG series, Technyl® Blue is a wide range of products offering a 15 to 60 percent enhanced hydrolysis resistance versus standard polyamides 66 (PA66). It also includes a new compound which provides resistance to road salts used in low-temperature regions. Main immediate applications are radiator end tanks, oil filter housings/modules and exhaust gas recirculation (EGR) heat exchangers.

“Engine parts manufactured from Technyl® Blue resists hot glycol and de-icing salt attack under extreme conditions,” explained James Mitchell, Automotive Market Director for Solvay’s Performance Polyamides Global Business Unit. *“Our new range also offers high flowability, excellent surface aspect and superior processability when compared to specialty polymers.”*

Major global automotive OEMs and Tier 1 already trust Technyl® Blue and are currently evaluating these materials for highly demanding components such as active cooling valves and e-water pumps.

Solvay Performance Polyamides supports customers with a complete array of technical services designed to speed the time to market of new applications, from advanced material characterization to application validation. This offering includes predictive simulation with MMI® Technyl® Design¹, 3D printing of PA6-based functional prototypes in Sinterline® PA6 powders as well as part testing at fully equipped APT® Technyl® Validation centers.

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¹ MMI Technyl® Design is an advanced service powered by Digimat from e-Xstream, an MSC Software company.

Solvay at FAKUMA 2017: Hall B4, Booth 4213, October 17-21

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Solvay

Solvay is a multi-specialty chemical company, committed to developing chemistry that addresses key societal challenges. Solvay innovates and partners with customers in diverse global end markets. Its products and solutions are used in planes, cars, smart and medical devices, batteries, in mineral and oil extraction, among many other applications promoting sustainability. Its light weighting materials enhance cleaner mobility, its formulations optimize the use of resources and its performance chemicals improve air and water quality. Solvay is headquartered in Brussels with around 27,000 employees in 58 countries. Net sales were € 10.9 billion in 2016, with 90% from activities where Solvay ranks among the world's top 3 leaders. Solvay SA (SOLB.BE) is listed on Euronext Brussels and Paris (Bloomberg: SOLB.BB - Reuters: SOLB.BR) and in the United States its shares (SOLVY) are traded through a level-1 ADR program.

Learn more about Technyl® brand at www.technyl.com and follow us on [TWITTER](https://twitter.com/technyl) / [Facebook](https://facebook.com/technyl) / [Youtube](https://youtube.com/technyl) / [Instagram](https://instagram.com/technyl)

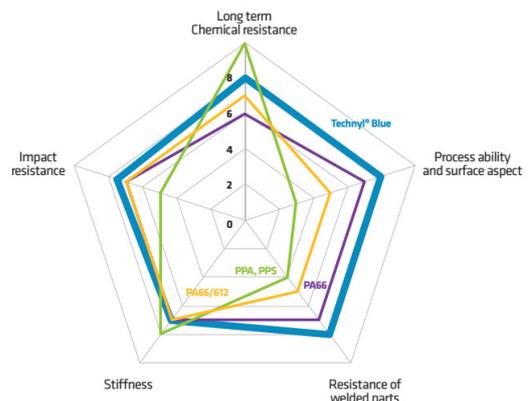
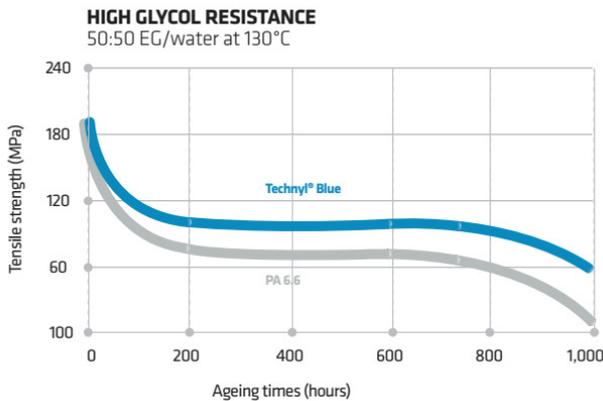
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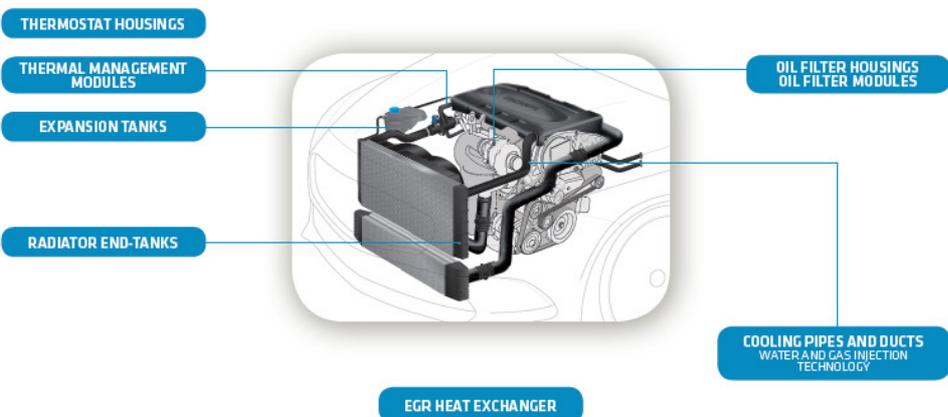
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Technyl® Blue technology offers superior resistance to hot glycol for thermal management applications.

Technyl® Blue combines high chemical resistance, superior injection processability and cost efficiency.



TECHNYL®
BLUE

Technyl® Blue is ideal for thermal management applications such as radiator end tanks and expansion tanks, oil filter housings/modules and EGR heat exchangers.

(Illustrations courtesy of Solvay)