

Solvay Performance Polyamides launches Technyl® Red S to raise performance of turbocharger systems

*Outstanding resistance to ageing at 200°C with high flowability,
enhanced surface aspect and excellent weldability
Approved by Tier-1 automotive suppliers*

Lyon, France, Oct. 17, 2017 – Solvay Performance Polyamides has launched Technyl® Red S, a highly heat stabilized polyamide designed especially for automotive applications operating at a continuous temperature of 200°C. It is an ideal solution for turbo engine air ducts and coolers as well as cylinder head covers.

“This brand new ‘S’ material further strengthens the proven technology developed for Technyl® HP which has equipped over 40 million vehicles made during the last seven years,” says Didier Chomier, Automotive Global Marketing Manager for Solvay’s Performance Polyamides Global Business Unit. *“Technyl® Red S provides automotive industry applications with enhanced thermal ageing stability without compromising performance or competitiveness.”*

Technyl® Red S can withstand a continuous operating temperature of up to 210°C (at 1,000h) or 200°C (at 2,000 hours). With its new and innovative formulation, Technyl® Red S further improves strong impact and resistance to acid condensates, offers high flowability, superior surface aspect and excellent weldability.

This innovative material is currently being authorized at major automotive Tiers. *“Technyl® Red S is directly resulting from long-lasting intimacy with leading players in thermal management systems,”* Chomier adds. *“We have also extended our Application Performance Testing (APT®) centers to conduct testing in turbocharged environments, providing our customers with full part performance validation under their own operating conditions.”*

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)

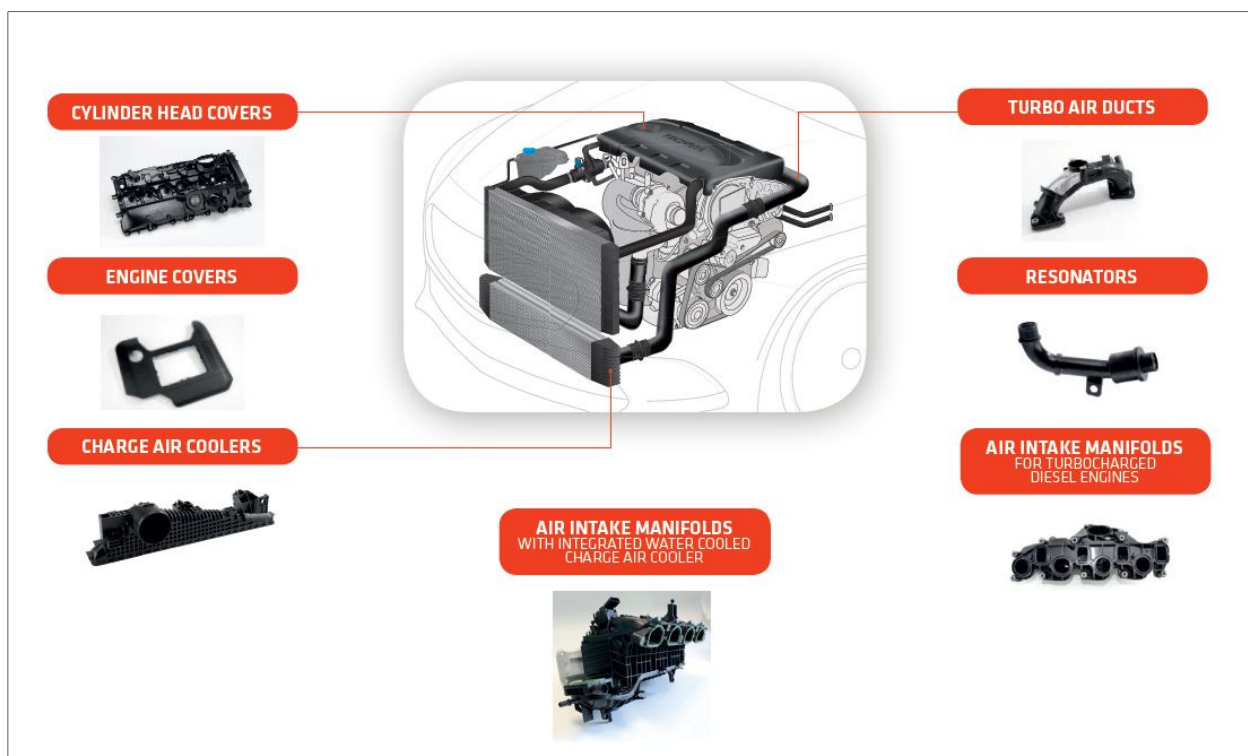
Press Contacts

Jerome Pisani

Solvay Performance Polyamides
+33 4 2619 7087
Jerome.pisani@solvay.com

Alan Flower

Industrial Media Relations
+32 474 117091
alan.flower@indmr.com

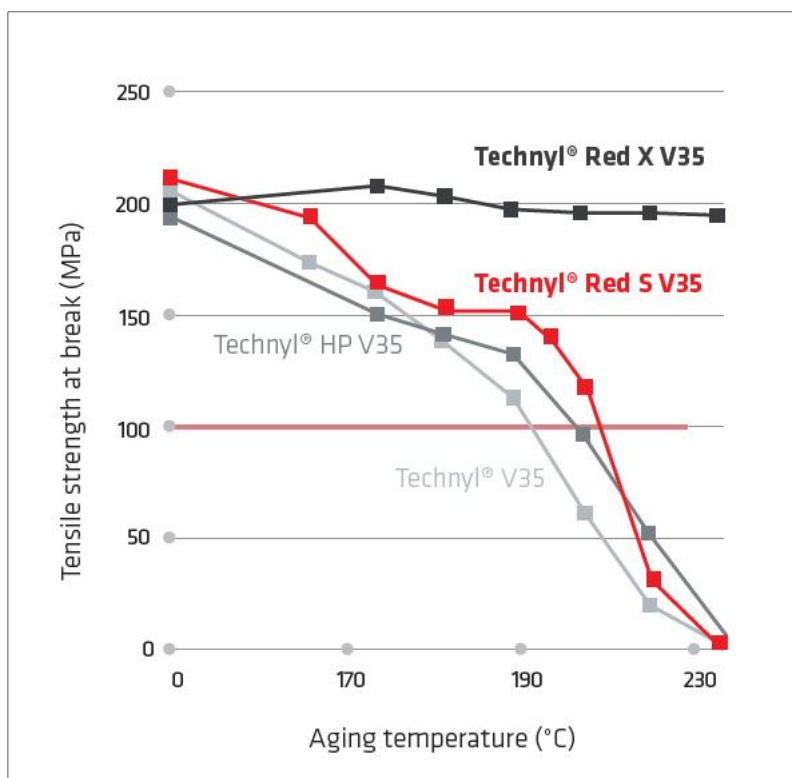


Technyl® Red S is ideal for demanding thermal management systems operating at 200°C

Source: Solvay



Charge Air Coolers are engine parts that benefit most from the performance attributes of Technyl® Red S.
Photo: Solvay



Technyl® Red S offers superior strength after aging.
Graph courtesy of Solvay