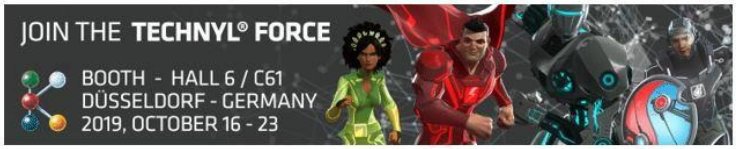
SOLVAY
asking more from chemistry®

Press Release



New Technyl® Blue materials for electric vehicle cooling systems

Tailored injection molding grade and range for extrusion
High chemical resistance at elevated temperatures
Excellent dimensional stability

Lyon, France, Oct. 16, 2019 – Solvay Performance Polyamides' Technyl® Blue range, the market reference for thermal management, has been enriched with new grades specifically designed for electric vehicle (EVs/HEVs). Based on PA6.6/PA6.10 polymer technology, these new materials address both injection molding for parts in cooling circuits and air-conditioning systems, which also benefit from our brand-new extrusion range.

"Electrified vehicles present an increased number of complex interconnected cooling systems and demands more of our materials offering", said Didier Chomier, Global Marketing Manager for Automotive at Solvay Performance Polyamides. *"A historical leader for thermal management of internal combustion engines, our Technyl® Blue range for both injection and extrusion now have all the assets to prove itself in the electric vehicle market."*

The new Technyl® Blue D 218CR V50 grade for injection molding provides total cost reduction versus specialty polymers such as polyphthalamide (PPA) and polyphenylene sulphide (PPS). It offers high mechanical strength, design flexibility, excellent surface aspect and easy processing for applications including thermostat housings and water pumps.

The Technyl® Blue range for extrusion offers an attractive cost/performance ratio compared to metals, such as aluminium, and alternative polymers including long-chain polyamides, notably PA12. This extrusion range is ideal for air conditioning and cooling lines for eV/HeV battery and engine systems.

This offering is backed by the Technyl® Force extensive experience in thermal management. Unveiled at K 2019, HUB by Technyl® is a unique platform - which includes comprehensive APT® application testing centre - that connects upgraded services to provide customer innovation with enhanced capabilities and synergies for eco-design agility and cost optimization.

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Solvay is an advanced materials and specialty chemicals company, committed to developing chemistry that addresses key societal challenges. Solvay is headquartered in Brussels with around 24,500 employees in 61 countries. Net sales were €10.3 billion in 2018, with 90% from activities where Solvay ranks among the world's top 3 leaders, resulting in an EBITDA margin of 22%. The Technyl® business is part of Solvay Performance Polyamides, a global business unit which is in the process of being acquired by major players in the industry.

For 66 years, the **Technyl®** brand supplies innovative polyamide 66-based solutions for automotive, electrical and electronics, construction, consumer goods and other markets. Leading expertise combining high performing products and advanced services are enabling the Technyl® Force to bring well-recognized added value to the industry.

Learn more about the Technyl® brand at www.technyl.com, and follow us on LinkedIn / Twitter / Facebook / YouTube.

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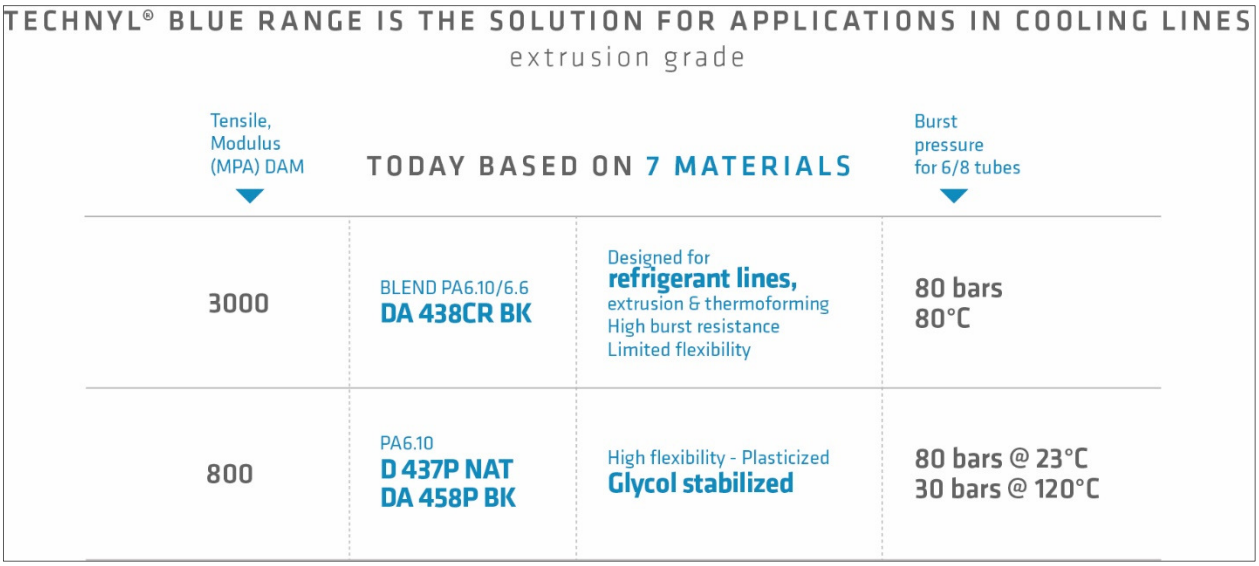
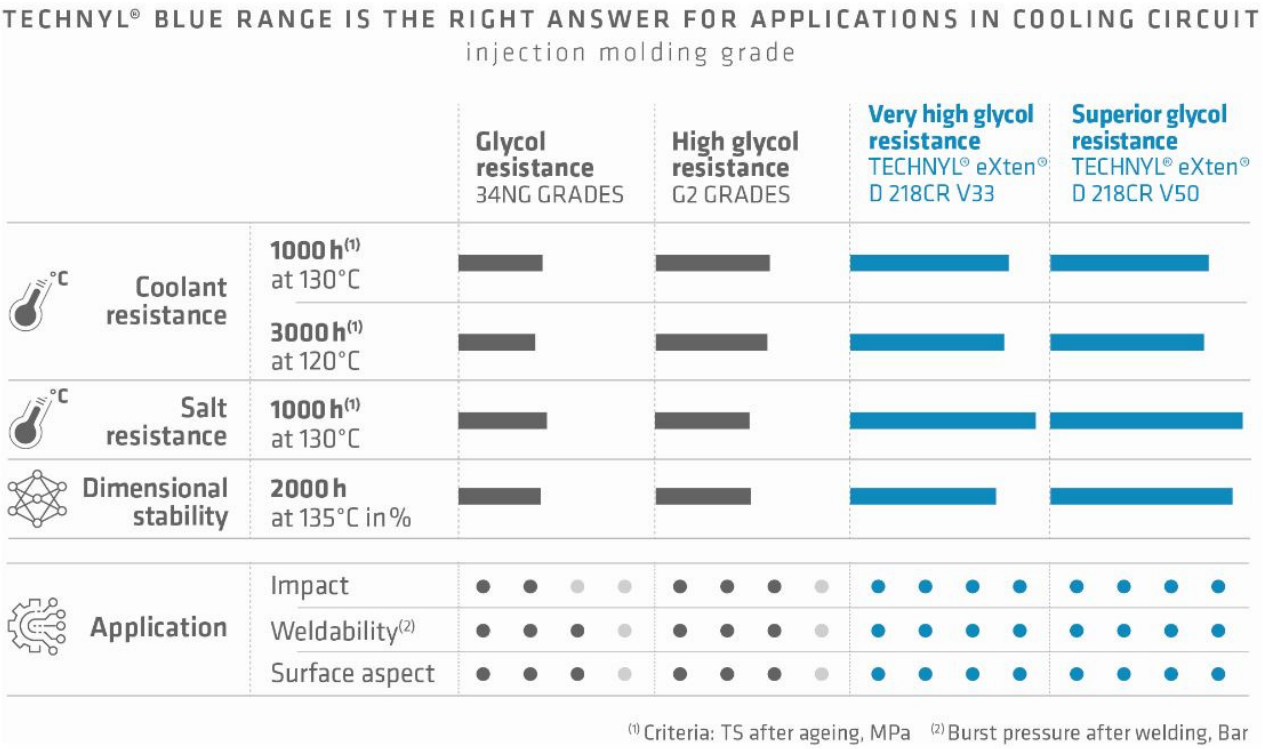


Technyl® Blue range brings outstanding balance of performances to cooling circuit.

Technyl® Blue extrusion grades for battery cooling pipes.



Technyl® Blue extrusion range offers attractive cost/performance ratio compared to metals.

Technyl® Blue answers electric vehicle challenges.