

ForTii[®] MX portfolio extension

If you're looking to unlock new design potential in automotive applications – boosting performance, cutting fuel emissions and reducing cost of ownership - then ForTii PA4T metal replacement (MX) portfolio is your number one choice.

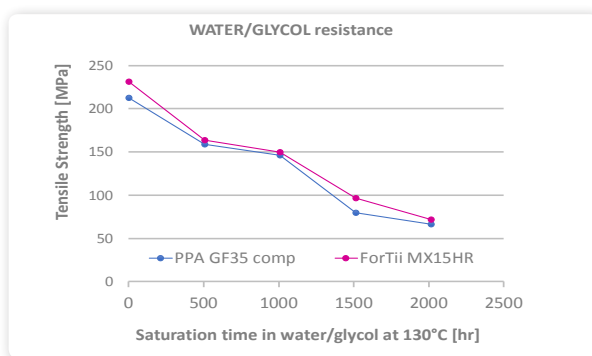
MX15HR

Material characteristics

- GF35, TG 145°C

Key features

- Best-in-class PPA for **water/glycol resistance**



vs PPA GF35 competition

- Up to 10% higher stiffness @120°C
- +30% burst pressure @100°C
- +20% charpy notched impact

The ForTii metal replacement (MX) portfolio contains semi-aromatic polyamides, based on DSM's PA4T technology, enabling you to engineer the incredible, by thinking beyond metal and beyond its traditional alternatives. ForTii is tested extensively in parts, since testing of tensile bars does often not represent the part complexity (ribs, weldlines, inserts) in the real world.

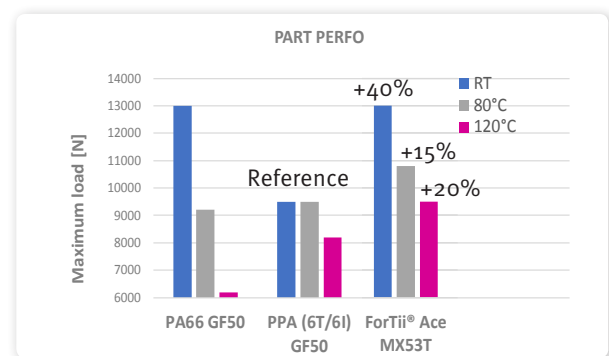
ACE MX53T

Material characteristics

- GF50, TG 150°C

Key features

- Robust part performance from **-35°C up to 150°C**
- **Excellent chemical resistance**
- Enhanced surface quality



At higher temperatures ForTii Ace MX53T even increases part strength (20-40%) at 100-150°C, whereas at lower temperatures ForTii Ace MX53T outperforms other PPA's (polyphthalamides) up to 40%. This effect is unveiled by extensive part testing and is captured in predictive modeling. ForTii Ace MX53T comes with an extensive package of material data/support needed by engineers to design plastic parts in a reliable way.

DSM – Bright Science. Brighter Living.™

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More information can be found at www.dsm.com.
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