

Endlaminates (electro motors)

Automotive / e-Drivetrain / HV E-motors

Print Date: 2025-12-05

Benefits

- Reliable
- Long term high temperature resistant
- Good flowability enables thin wall designs
- Durable
- Good electrical insulation
- Creep resistant



Details

Stanyl® PA46 is the first high-temperature polyamide and the only aliphatic polyamide in its class, making it an ideal choice for applications such as endlaminates (electro motors). Due to a high temperature resistance, Stanyl® PA46 is UL1446 class H certified. Its creep resistance at elevated temperatures, high toughness levels, and good electrical insulation properties make it a cost-effective solution. Stanyl® PA46 offers good flowability and processability that enables thin wall designs, while Xytron™ PPS allows for super high long term temperature resistance.

Products

Stanyl® TW200F6
PA46-GF30

Stanyl® TW341
PA46

Stanyl® TE250F6
PA46-GF30 FR(17)

Stanyl® TW200F8
PA46-GF40

ForTii® F11
PPA-GF30 FR(40)

ForTii® T11
PPA-GF30 FR(40)

Xytron™ G3010E
PPS-I-GF30

Xytron™ G4010T
PPS-GF40

Speciality products

Xytron™

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Typical values are indicative only and are not to be construed as being binding specifications. Colorants in the product or other additives may cause significant variations in typical values.

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