

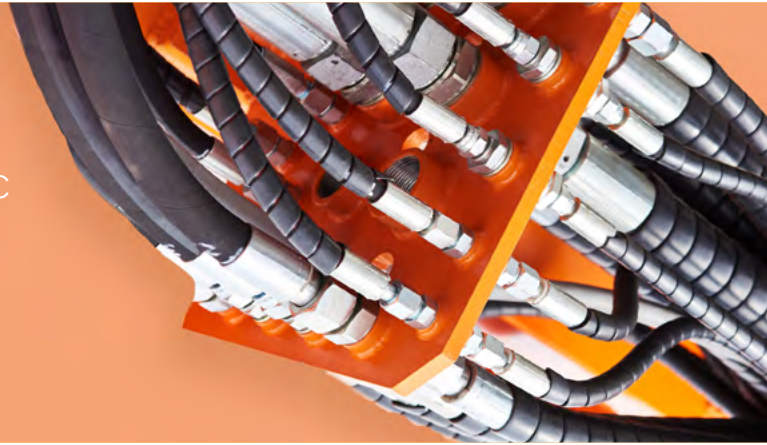
THERMEC™ N

Based on several different PPA base polymer types, the **THERMEC™ N** family offers an extensive portfolio of semi-crystalline thermoplastic compounds for use in both oil and water heated molds. These compounds offer a unique combination of strength, temperature, wear and chemical resistance. The most common grades are 30% and 35% glass fiber reinforced compounds. The mechanical properties of **THERMEC™ N** surpass those of standard PA6 and PA6.6 polyamides at application temperatures up to 230 °C – ideal for metal replacement.

Suitable for higher heat exposure applications like smaller-sized vehicles, where tighter underhood packaging, reduced air flow, and hotter environments require higher performing materials

MATERIAL PROPERTIES

- High melting point
- Continuous service temperature up to 230 °C
- Low moisture absorption
- Good chemical resistance
- Good fuel resistance
- Good creep resistance



STANDARD PRODUCT LINE

THERMEC™ N 4314R15T1H	PPA, 15% glass fiber reinforced, impact modified, heat stabilized, for oil heated molds
THERMEC™ N 4314R35H	PPA, 35% glass fiber reinforced, heat stabilized, for oil heated molds
THERMEC™ N 4314R35HY	PPA, 35% glass fiber reinforced, hydrolysis stabilized, for oil heated molds, natural color
THERMEC™ N 4340R35H	PPA, 35% glass fiber reinforced, heat stabilized, for water heated molds
THERMEC™ N 4350R35H	PPA, 35% glass fiber reinforced, improved flowability, heat stabilized, for water heated molds
THERMEC™ N 4314R40H	PPA, 40% glass fiber reinforced, heat stabilized, for oil heated molds
THERMEC™ N 4314R45H	PPA, 45% glass fiber reinforced, heat stabilized, for oil heated molds
THERMEC™ N 4314R50HY	PPA, 50% glass fiber reinforced, heat and hydrolysis stabilized, for oil heated molds, natural

ELECTRICAL & SMALL-SIZE ENGINES – COMPRESSORS – FUEL EXPANSION CHAMBER – PLUMBING PARTS

