

# DOMO

caring  
is our formula

# TECHNYL® RED J

## A STEP BEYOND TO LONG TERM HEAT AGEING PERFORMANCE

ADVANCED SOLUTION  
FOR PARTS REQUIRING  
HIGH TEMPERATURE  
PERFORMANCE



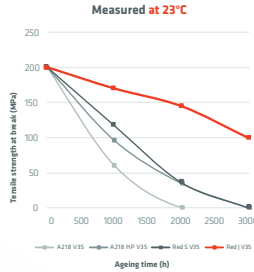
- High temperature performance even **at 220°C**
- Maintains **50% of its initial properties up to 3000h at 210°C**
- High Chemical resistance to **acid condensate**
- High flow ability and **PA66-like processing**
- Great surface aspect
- **Best-in-class price / performance**

technyl.com |   



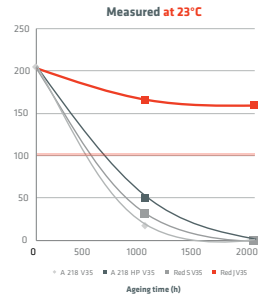
## EXCEPTIONAL MECHANICAL PROPERTIES IN TEMPERATURE EVEN AFTER HEAT AGEING

### Strength after ageing@210°C



Ideal solution for  
210°C Continuous  
Use Temperature  
up to 3000h

### Strength after ageing@220°C



High  
temperature  
performance up  
to 220°C

## BEST-IN-CLASS SOLUTION FOR THERMAL MANAGEMENT SYSTEMS OPERATING AT 220°C



**1000h<sup>1</sup>**  
Working T°C

**2000h<sup>1</sup>**  
Working T°C

**3000h<sup>2</sup>**  
Working T°C

**HDT**  
(1,8 Mpa)

Acid resistance

Weldability<sup>4</sup>

Surface aspect

**RED<sup>J</sup>**  
PA66/6T  
Patented technology

**230**

**220**

**210**

**239**

★ ★ ★ ★ ★

★ ★ ★ ★ ★

★ ★ ★ ★ ★

1-criteria: TS 100MPa 23°C / 2-criteria: TS 100MPa 23°C /  
3-criteria: TS=50MPa at ageing T - 4-Burst pressure after welding, Bar