



TECHNYL® RED J

A STEP BEYOND TO LONG TERM HEAT AGEING PERFORMANCE

ADVANCED SOLUTION
FOR PARTS REQUIRING
HIGH TEMPERATURE
PERFORMANCE

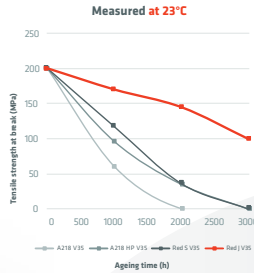


- High temperature performance even **at 220°C**
- Maintains **50% of its initial properties up to 3000h at 210°C**
- High Chemical resistance to **acid condensate**
- High flow ability and **PA66-like processing**
- Great surface aspect
- **Best-in-class price / performance**



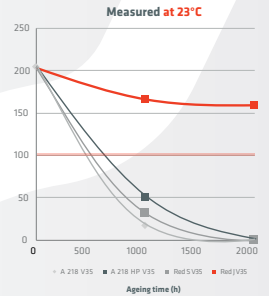
EXCEPTIONAL MECHANICAL PROPERTIES IN TEMPERATURE EVEN AFTER HEAT AGEING

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



MEASURED @
ROOM T°

1000h¹
Working T°C

RED^J
PA66/6T
Patented technology

230

2000h¹
Working T°C

220

3000h²
Working T°C

210

HDT
(1,8 Mpa)

239



APPLICATION

Acid resistance

★ ★ ★ ★ ★

Weldability⁴

★ ★ ★ ★ ★

Surface aspect

★ ★ ★ ★ ★

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