

## PETROMARK® 10440 Threadlocker Blue Medium Strenght

### Description

Medium strength product with excellent resistance against chemicals and temperature. Cures very fast, even on galvanised surfaces and on stainless or high alloyed steel.

### Attention!

If used as sealant against water, please observe and follow the special handling instructions for pipe-sealants.



### Physical Properties (liquid product)

Chemical Base:

Diester of Methacrylic Acid

Colour:

blue / fluorescent

Viscosity at 25°C Brookfield RVT:  
spindle 3, 2.5 rpm  
20 rpm

4000 – 9000 mPas  
1500 – 3000 mPas

Density at 25°C:

1.12 g/cm<sup>3</sup>

Max. thread diameter:

M 36

Max. gap filling:

0.25 mm

Flash point:

> 100°C

Shelf life:

1 year at ≤ 25°C

### Physical Properties (cured product)

Measured on M10 x 20 bolt - grade 8.8 black phosphatized - nut 0.8d (no on-torque)

Initial strength after:

5 – 15 minutes

Functional strength after:

0,5 – 1 hour

Final strength after:

1 – 3 hours

Loose-break torque:

~ 21 Nm (M10) DIN 54454

Prevailing torque:

~ 10 Nm (M10)

Shear strength:

~ 20 N/mm<sup>2</sup> DIN 54452

Thermal range:

- 55°C up to +150°C