

MC426 AFLAS 75 Shore Black

Material Datasheet • Issue 2 • Dec 2017

Material

AFLAS 75 Shore Black

Description

- Aflas® is a tetrafluoroethylene / propylene copolymer (TFE)
- Cure system is Peroxide

Application

This material has excellent resistance to base chemicals, sour oil/ gas, amines, acids, steam and methane gas. Popular in oilfield applications.

Temperature

- Low temperature service limit - not recommended below 32°F (0°C)
- Upper temperature continuous service limit +400°F (+204°C).

Products

- Extrusions (cords/profiles/tubes)
- Mouldings (Custom/O Rings)
- VulcOrings & Vulcanised Profiles



Physical Properties

Original	Standard	Typical Values
Density (Kg.m ⁻³)	ISO2781-1988	1740
Durometer shore A	ISO7619-2004 (@3s)	79
Elongation @ break %	ISO37-1994	243
Tensile strength (MPa)	ISO37-1994	17.5
Compression set % 22h @ 347°F (175°C)	ISO815-1991	27.5

Information

The above information corresponds to our current knowledge and is offered solely to provide possible suggestions for your own experimentations. It is not intended to substitute any testing you may need to conduct to determine suitability of our products for your end use. Northern Engineering reserves the right to revise this information as new knowledge and experience becomes available. Northern Engineering makes no warranties and assumes no liability in connection with any use of the above information.

