

# Technical Data Sheet

## Linagard® FG

**CHEMICAL DESCRIPTION:** Polyisoprene, NR

**PHYSICAL PROPERTIES**

TENSILE STRENGTH:	20 (MPa)
COLOUR:	White
SPECIFIC GRAVITY:	0.99
ELONGATION AT BREAK:	750% Min
ABRASION RESISTANCE:	Excellent
TEMPERATURE RANGE:	-40° - +70° C
OZONE RESISTANCE:	Poor
HARDNESS RANGE:	40° Sh. A (+ or - 5°)
TEAR STRENGTH:	45 N/mm
RESILIENCE:	88%
BS 903. Part A8: 1990	



**CHEMICAL RESISTANCE**

WATER:	Good to Excellent
ACIDS:	Good
ALKALIS:	Good
OILS:	Poor
FUELS AND PETROLEUM SOLVENTS:	Poor
KETONES:	Fair

Linagard® FG is a high quality natural rubber compound manufactured from FDA (Food & Drug Administration 177.2600) approved ingredients. It is designed for applications requiring safe long term food contact and wear resistance.

It is ideally suited to handling organic and inorganic materials in damp and/or aqueous conditions. The material combines food safe performance with an unmatched wear performance to provide a truly unique Food Grade rubber compound.

Linagard is a registered trademark of Weir Minerals.

**ELASTOMERS**



Certificate Number: 14352  
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

[www.epdm.co.uk](http://www.epdm.co.uk)

E-Mail: [Sales@epdm.co.uk](mailto:Sales@epdm.co.uk)

**Contact**

Telephone: +44 (0)1625 573971  
FAX: +44(0)1625 573250  
PTM Ltd  
Units AG2/3 Clarence Mill  
Clarence Road, Bollington  
Macclesfield, Cheshire  
SK10 5JZ  
United Kingdom