

1. Identification of substance

Manufacturer : Premier Farnell
150 Armley Road
Leeds LS12 2QQ
Tel. : +44 (0) 870 129 8608

Emergency Contacts : +44 (0) 870 202530

Commercial Name : EPDM

Area of Usage : Rubber for rubber grommets

2. Composition/Data on components

Halogen free rubber based on Ethylene-Propylene rubber (EPDM).

3. Hazards identification

The material is not classified as unhealthy in normal conditions.

4. First aid measures

Contact with Eyes : Wash with water

Contact with Skin : If skin irritation appears, wash with water.

Ingestion : As with swallowing of any foreign substance, consult physician.

Inhalation : In case of inhalation of flue gases from overheating or combustion, attend to fresh air. Obtain medical attention if irritation persists.

5. Fire fighting measures

Extinguishing Media : Dry powder, carbon dioxide, foam or water.

Specific Hazards : Carbon monoxide, carbon dioxide, carbon disulphide and various hydrocarbons.

Use of breathing apparatus is recommended.

6. Accidental release measures

Environmental and personnel
Precautions : -
Sanitation : -

7. Handling and storage

Handling : Handle as normal rubber products

Storage : In original packaging at room temperature

8. Exposure controls and personal protection

Respiratory Equipment : Not required at normal use

Protection of Hands : Not required at normal use

Protection of Eyes : Not required at normal use

9. Physical and chemical properties

Shape	: Solid
Colour	: Grey, black or white
Odour	: Rubber
pH	: N/A
Temperature of Decomposition	: >200°C
Auto-ignition temperature	: N/A
Flash point	: N/A
Explosiveness	: N/A
Specific gravity	: 1350 kg/m ³
Solubility	: Insoluble in water

10. Stability and reactivity

Conditions to avoid	: Heat above 200°C
Material and chemical products to avoid	: Mineral oil and products made thereof
Hazardous decomposition products	: Carbon monoxide, sulphur dioxide, nitrous fumes and hydrocarbons

11. Toxicological information

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12. Ecological information

General information	: Products made from this material are very resistant to biodegradability, and not known to give ecotoxicity.
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13. Disposal considerations

Take into account local authority regulations.

14. Transport information

Identified as non-dangerous goods according to national and international transport regulations.

15. Regulatory information

No marking necessary, see local and federal regulations

16. Other information

None

General Facts About Rubber

Characteristics for different types of rubber - not specifically based on raw material

	EPDM Rubber	Chloroprene rubber
Hardness IRH*	30-90	35-90
Tensile strength max Mpa	18	20
Elongation max %	800	900
Max. continuous operational temperature dry atmosphere*	140	120
Cold resistant C*	-60	-40
Remaining deformation	4	4
Resistance to wear	3	4
Tear strength	3	4
Elasticity	3	4
Resistance to petrol and oil	1	3
Resistance to weather and ozone	5	4
Resistance to diluted acids	4	3
Resistance to hydrolysis and diluted alkali	5	4
Resistance to aliphatic hydrocarbons	2	3
Resistance to aromatic hydrocarbons	1	3
Resistance to ketones	5	3
Gas permeability	2	4

* For temperature ranges and hardness - use the data from our brochure.

The table shows the characteristics of the most common rubber types and how suitable they are in different constructions and environments	5 - Excellent 4 - Very good 3 - Good 2 - Not so good 1 - Poor
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Part Number
1458220
1458221
1458222
1458223
1458224
1458225
1458226