

**Grade**

- CBF516

**Description**

Polyurethane is low density open cell foam that is used in a variety of applications, for packaging (cushioning), vibration dampening and sealing applications. Depending on its thickness and density, Polyurethane is an excellent acoustic and thermal conductive material, due to its cell structure. It can also be supplied in a variety of specialist grades offering conductive, static dissipative and flame-retardant material solutions.

**Material Properties**

- Good sealing properties (air, dust, and water migration)
- Extremely lightweight
- Good UV & ozone resistance
- Good thermal insulation
- Good acoustic properties

**Physical**

PROPERTY	TYPICAL VALUE
Density	27 - 29 kg m3
Hardness	135 – 165 N
Elongation at break	90 % min
Tensile Strength	50 kPa min
Compression Set (Dry)	12% max
Classification	S
Fire Resistance Foam complies with Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No 1324 Schedule 1 Part 1 (AMD 1989) (AMD 1993). This material is suitable for applications requiring FMVSS302.	Pass

The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any particular application. All data relating to suitable uses and descriptions information concerning our products are compiled from research and are believed to be reliable but are provided for guidance purposes only. The company holds no legal or contractual responsibility for information supplied.

**Convertors and suppliers of die cut gaskets, tape, sheeting, fabrications, machined plastic components, rubber mouldings, extrusions and adhesives.**

