

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 m ³
Hardness	135 – 165 N
Elongation at break	90 % min
Tensile Strength	50 kPa min
Compression Set (Dry)	12% max
Classification	S
Working Temperature Range	-20°C / +120°C
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

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