

Technical Data Sheet: Z-CEPDM-21

Closed Cell EPDM Foam



Z-CEPDM-21 is a closed-cell EPDM rubber foam that is spongy and compressible foam. It is good for heat, cold and ozone resistant. Suitable to be used in construction works, automotive, insulation, electrical and electronic industries.



Characteristics

- High heat resistance
- High thermal insulation
- High impact elasticity

Applications

- Suitable to be used as an air and watertight seal or insulation including in construction, HVAC, transportation, automotive and general appliances and machinery

Properties

Properties	Z-CEPDM-21	Standard
Colour	Black	-
Size (WxLxT) (mm)	1000x2000x1	ASTM D3574
Density (kg/m ³)	150 ± 20	ASTM D3574
Tensile Strength (45mm thickness) (kPa)	> 450	ASTM D412
Hardness (shore c)	21 ± 3	JIS K6767
Heat Aging Lineal Shrinkage (70°C, 4h) (%)	< 5	ISO: 2011 Method B
Elongation at Break (%)	> 150	ASTM D412
Tear Strength (45mm thickness) (KN/M)	> 2.0	ASTM D624
Water absorption (%)	< 5	ASTM D1056
Compression Force at 25% Deflection (kPa)	55 ± 20	ASTM D1056
Compression Set (%)	< 35	ASTM D395