

DERBY GASKETS LTD.

www.derbygaskets.com

MATERIAL SPECIFICATION

POLYETHYLENE FOAM (PLASTAZOTE)

Density: 45kg/cu.m. (LD45) Also available to order: 33kg and 60kg
Temperature Range: -70C to + 110C
Compression stress-strain characteristics
ISO33861/1 1986
BS4443 Ptl : 5a 1988
DIN 53577 1988
25% Compression 50 kPa
40% Compression 90 kPa
50% Compression 135 kPa
60% Compression 210 kPa
Compression Set: 72 hrs 50% compression 23C 30 min recovery: 22%
Compression Set: 48 hrs 20% compression 23C 30 min recovery: 7%
Tear Strength: 1030N/m
Tensile Strength: 600N/m
Elongation at break: 150%
Water absorption: 1 day: 0.1% vol
7 days: 0.3% vol
14 days: 0.4% vol
28 days: 0.5% vol
Thermal Conductivity: mean 10C 0.043W/m.K
Flame Retardancy: FMVSS.302 Pass at 5mm and above

We reserve the right to alter the specification without notice.

Values given may vary according to manufacturing tolerances.

It is the responsibility of the purchaser to ensure material is suitable for purpose and we will provide samples for test if required