

TROCELLEN®

Closed Cell Crosslinked Polyolefin Foams

Data Sheet - N50

DESCRIPTION

N50 is **TROCELLEN®** Crosslinked Polyethylene Foam

MATERIAL PROPERTIES

Foam Density-		50kg/m ³
Tensile Strength	Length - Width -	>0.44 MPa >0.33 MPa
Elongation at break	Length - Width -	>100% >125%
Compression stress at deflection -		>34kPa @ 10% >59kPa @ 25% >125kPa @ 50%
Compression Set (22h, 25%,23°C) -		<14% @ 0.5h
Thermal Conductivity, 'K' value -		0.043 W/mK @ 0°C 0.047 W/mK @ 23°C 0.050 W/mK @ 40°C
Operating Temperature -		-40°C to +100°C
Water Absorption -		<3%vol after 28 days

GRADE TYPES

N - Standard Type, F2 - Flame Retardent
W3C - Soft Type, D - Rigid Type, WB - EVA

MANUFACTURING OPTIONS

Acrylic Adhesive Backing

The data contained herein are merely representative values from laboratory tests and do not represent a guarantee of performance in any application. 3H Foam recommends that clients conduct their own tests to determine the products suitability for their own application.



11 Paisley Drive
Lawnton Qld 4501
Ph: 07 3881 7300
Fax: 07 3881 2709
email: sales@3hfoam.com.au
website: www.3hfoam.com.au