

# TROOCELLEN®

## Closed Cell Crosslinked Polyolefin Foams

### Data Sheet - N25

#### DESCRIPTION

N25 is **TROOCELLEN®** Crosslinked Polyethylene Foam

#### MATERIAL PROPERTIES

Foam Density-	25kg/m <sup>3</sup>
Tensile Strength	Length - >0.21 MPa Width - >0.16 MPa
Elongation at break	Length - >90% Width - >105%
Compression stress at deflection -	>13kPa @ 10% >33kPa @ 25% >91kPa @ 50%
Compression Set (22h, 25%, 23 °C) -	<15% @ 0.5h
Thermal Conductivity, 'K' value -	0.038 W/mK @ 0 °C 0.042 W/mK @ 23 °C 0.045 W/mK @ 40 °C
Operating Temperature -	-40 °C to +95 °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. 3hfoam recommends that clients conduct their own tests to determine the products suitability for their own application.



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