

# TROCELLEN®

## Closed Cell Crosslinked Polyolefin Foams

### Data Sheet - WB45

#### DESCRIPTION

WB45 is **TROCELLEN®** Crosslinked EVA Copolymer Foam

#### MATERIAL PROPERTIES

Foam Density-		45kg/m <sup>3</sup>
Tensile Strength	Length - Width -	>0.53 MPa >0.37 MPa
Elongation at break	Length - Width -	>240% >300%
Compression stress at deflection -		>12kPa @ 10% >33kPa @ 25% >97kPa @ 50%
Compression Set (22h, 25%,23°C) -		<18% @ 0.5h
Thermal Conductivity, 'K' value -		— W/mK @ 0°C — W/mK @ 23°C — W/mK @ 40°C
Operating Temperature -		-40°C to +90°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.*

**3hfoams**

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