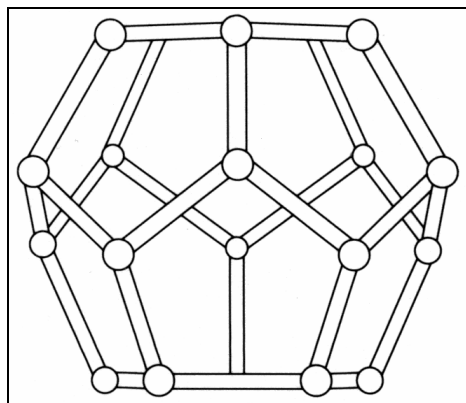


Zotek® ND35

Polyamide Foam Property Data Sheet



Zotek® ND35 is a closed cell, cross-linked polyamide foam manufactured using Zotefoams unique production process. This provisional data sheet characterises Zotek® ND35 which is available in sheet form and is fabricated by modern techniques and can be thermoformed into shapes.

Property	Test Procedure	Units	Zotek® ND35 typical value**
Nominal Density	ISO 845	kg/m ³	36
Cell Size – Typical Diameter	Internal	mm	0.16
Compression Stress-Strain	ISO 7214		
25% compression		kPa	110
50% compression		kPa	180
Compression Set			
25% comp., 22hr, 23°C	ISO 7214		
½ hr recovery	25 mm cell-cell	% set	15
24hr recovery		% set	13
Tensile Strength	ISO 7214	KPa	950
Elongation at Break	ISO 7214	%	85
Maximum Operating Temperature*	Internal	°C	190

*MAXIMUM OPERATING TEMPERATURE

The maximum operating temperature is defined as the temperature which will typically cause a linear shrinkage of 5% after a 24hr exposure period, using sample dimensions of 100mm x 100mm x 25mm. This figure is provided for general guidance only. The actual level of shrinkage the foam will undergo at any particular temperature is dependant on a number of system variables such as sample dimensions, cell size, loading conditions and exposure period.

**TYPICAL PRODUCT DATA

This Property Provisional Data Sheet shows typical properties on representative samples of material and is provided for basic reference only and does not constitute a product specification.

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