

Lendell Nolatex[®] Latex Free Foam

Category : Polymer , Thermoset , Polyurethane, TS

Material Notes:

This foam is used in the cosmetics industry and also possesses insulation qualities. Applications: Cosmetic Wedges and Puffs, Padding, High Insulative Value Applications, Makovers[®] Disposable Makeup Pads, Cosmetic Pads in Advertising Mailouts, Nail Shiners, Makeup Remover Pads, Gasket Material for Toner Cartridges, and Battery Insulator Wraps. Information provided by Lendell Manufacturing Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lendell-Nolatex-Latex-Free-Foam.php

Physical Properties	Metric	English	Comments
Density	0.0769 g/cc	0.00278 lb/in ³	
	0.0929 g/cc	0.00336 lb/in ³	Core
Water Absorption	23 %	23 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	0.189 MPa	27.4 psi	ASTM D3574
Elongation at Yield	338.9 %	338.9 %	
Tear Strength	0.421 kN/m	2.40 pli	
	1.12 kN/m	6.40 pli	Die "C", average; ASTM D3574
	1.14 kN/m	6.50 pli	Average; ASTM D3574
	<= 1.21 kN/m	<= 6.90 pli	Max.; ASTM D3574
Compression Set	3.9 %	3.9 %	50%; 1H%ct
	7.6 %	7.6 %	50%; 1H%cd
	11.7 %	11.7 %	50%; 1A%ct
	22.9 %	22.9 %	50%; 1A%cd
	35.3 %	35.3 %	50%; 2E%ct
	71.1 %	71.1 %	50%; 2E%cd

Descriptive Properties	Value	Comments
% Volume Swell	56	Saturated
CLD 50%	1	

CLD 50% R Descriptive Properties	0.8 Value	Comments
Comfort Factor	0.4	
Expansion, %	13	in Isopropyl Alcohol
Hysteresis	28.2	
IFD 25% R	31	ASTM D3574
IFD 25% RRT	22.3	ASTM D3574
IFD 65%	77.7	ASTM D3574
Recovery	71.8	
Sag Factor	2.5	
Water Retention, %	3.8	
Wet Out, minutes	5	

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