

Lendell NolaSponge®

Category : Polymer , Thermoset , Polyurethane, TS

Material Notes:

Open Cell This line of foam is formulated for bath and body sponges. The unique cell structure is ideal for scrubbing and incorporation of bath and soap products. Applications: Bath Sponges, Filtration, Facial Products, Hair Care Brush, Agricultural Grow Plugs, Pet Products, Water Filtration Media, Ceramic Filters Information provided by Lendell Manufacturing Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lendell-NolaSponge.php

Physical Properties	Metric	English	Comments
Density	0.0865 g/cc	0.00312 lb/in ³	
Water Absorption	5.2 %	5.2 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	0.103 MPa	14.9 psi	ASTM D3574
Elongation at Yield	301.4 %	301.4 %	
Tear Strength	0.947 kN/m	5.40 pli	Die "C", average; ASTM D3574
	1.14 kN/m	6.50 pli	Average; ASTM D3574
	<= 1.23 kN/m	<= 7.00 pli	Max.; ASTM D3574
Compression Set	2.3 %	2.3 %	50%; 1H%ct
	4.2 %	4.2 %	50%; 1H%cd
	11 %	11 %	50%; 1A%ct
	20.7 %	20.7 %	50%; 1A%cd
	35.4 %	35.4 %	50%; 2E%ct
	67 %	67 %	50%; 2E%ct

Descriptive Properties	Value	Comments
% Volume Swell	67	Saturated
CLD 50%	0.6	
CLD 50% R	0.5	
Comfort Factor	0.3	

Expansion % Descriptive Properties	Value	in Isopropyl Alcohol Comments
Hysteresis	21.8	
IFD 25% R	19.1	ASTM D3574
IFD 25% RRT	15	ASTM D3574
IFD 65%	56.1	ASTM D3574
Recovery	78.2	
Sag Factor	2.9	
Water Retention, %	2.3	
Wet Out, minutes	1	

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