

Lendell Manufacturing HSS Foam

Category : Polymer , Thermoset , Polyurethane, TS

Material Notes:

HSS combines the excellent tractile and softness characteristics of Supersoft foams with the strength and durability properties of our Nolatex foams. Strength and softness are key features in this product. Applications: Shoe Insoles (Anti-Static, Odor Absorbing), Liposuction Pads, Many other uses including Industrial, Household and Apparel. Information provided by Lendell Manufacturing Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lendell-Manufacturing-HSS-Foam.php

Physical Properties	Metric	English	Comments
Density	0.0865 g/cc	0.00312 lb/in ³	
Water Absorption	12.2 %	12.2 %	

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, %	2.8	
Wet Out, minutes	5	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China