



W.R. LANG

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DATENBLATT

Purflex beige - Art. 84196 ff.

PROPERTY	TEST METHOD	PRODUCT
Formulation		
*Density, lb. / ft ³	ASTM D 3574-95 Test A	20
Specific Gravity		0.32
Tolerance, %		± 10
*Standard Thickness		See Product Availability
Tolerance, %		± 10
Standard Color		Beige
Air Permeability	Gurley Densometer	Open Cell - Breathable
*Compression Set, % max.	ASTM D 3574 Test D @ 158°F (70°C)	10
Compression Force Deflection, psi. (kPa)	0.2"/min. Strain Rate Force Measured @ 25% Deflection	6 - 14 (41 - 97)
Hardness, Durometer	Shore "O"	17
Hydrolysis Resistance, Compression Set, % Max	ASTM D 3574 Test J / Test D after autoclaved 5 hrs @ 250°F (121°C)	Good Resistance 5
Resilience, Shore Instrument Resiliometer, avg (Ball Rebound Tester)	ASTM D 2632-96, Vertical Rebound	25
Water Vapor Transfer, Typical G/ft ² /24hrs (g/m ² /24hrs)	Based on ASTM E 96-00	>19 (200)
Water Absorption, % Wt Gain	Based on ASTM D 570	< 20
Antimicrobial, Fungal Resistance	ASTM G21	Does not promote fungal growth
Skin Contact	Primary Skin Irritation – FHSA USP Class VI Toxicology	Pass Rated
Tear Strength, pli, min. (kN/m)	ASTM D 624 Die C	5 (0.9)
*Tensile Elongation, % min.	ASTM D 3574 Test E	100
*Tensile Strength, psi, min. (kPa)	ASTM D 3574 Test E	75 (517)
Temperature Resistance, max Recommended Constant Use Recommended Intermittent Use	ASTM D 746-98	90°C (194°F) 121°C (250°F)
Staining	ASTM D 925-88	No Stain
Chemical Resistance		are unaffected by mild organic acids and bases. They show modest swelling with oils and greases and other linear hydrocarbons. Strongly polar solvents will greatly swell. In most cases, physical properties recover to a great extent as the solvents evaporate.
Additional Solvent Resistance	Soap and Water 50/50	No tackiness or surface deterioration

- Notes: 1. All metric conversions are approximate.
2. Additional technical services are available.

Diese Dokumentation dient der Information und ist rechtlich unverbindlich. Bei speziellen Anwendungen sollten Vorversuche im kleinen Maßstab durchgeführt werden.