



W.R. LANG

MEHR KOMFORT EIN LEBEN LANG - SEIT 1872

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DATENBLATT

Diasoft rot - Art. 84194 ff.

PROPERTY	TEST METHOD	PRODUCT					
Formulation							
Specific Gravity		0.24	0.32				
Tolerance, %		± 10					
Standard Thickness		See Product Availability					
Tolerance, %		± 10					
Standard Color		62 - Red					
Compression Set, % max.	ASTM D3574 Test D @ 158°F (70°C)	0 < 10					
Compression Force Deflection, psi, (kPa)	0.2"/min. Strain Rate Force Measured @ 25% Deflection	4 - 8 (27-55)	7 - 13 (48-90)				
Dimensional Stability, % max change	22 hrs. @ 176°F (80°C) in a forced-air oven	± 2.5					
Hardness, Durometer	Shore "O"	12	17				
Resilience, Shore Instrument Resiliometer, avg (Ball Rebound Tester)	ASTM D2632-92, Vertical Rebound	4	5				
Tear Strength, pli, min. (kN/m)	ASTM D624 Die C	4 (0.7)	6 (1.0)				
Tensile Elongation, % min.	ASTM D3574 Test E	120	120				
Tensile Strength, psi, min. (kPa)	ASTM D3574 Test E	15 (104)	25 (173)				
Skin Contact	Schwartz and Peck Human Patch Test						
Chemical Resistance	PORON urethanes are unaffected by mild organic acids and bases. It shows modest swelling with oils and greases and other linear hydrocarbons. Strongly polar solvents will greatly swell PORON urethane. In most cases, physical properties recover to a great extent as the solvents evaporate.						

Notes:

1. All metric conversions are approximate.

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