



W.R. LANG

MEHR KOMFORT EIN LEBEN LANG - SEIT 1872

Hafenstr. 83 - D-56564 Neuwied

Fon: +49(0)2631/3455-10 - Fax: +49(0)2631/3455-30

Mail:service@w-r-lang.de

DATENBLATT

Diapur/Purflex rot/blau - Art. 84230 ff.

PROPERTY	TEST METHOD	PRODUCT		
		3 mm - Art. 84230	4 mm - Art. 84231	
Specific Gravity		0.27	0.24	
Tolerance, %		± 10		
Standard Thickness, mm		3mm	4mm	
Tolerance, %		± 10		
Compression Set, % max.	ASTM D3574 Test D @ 158°F (70°C)	< 10		
Compression Force Deflection, psi, (kPa)	0.2"/min. Strain Rate Force Measured @ 25% Deflection	7 - 15 (48-103)	4 - 13 (28-90)	
Dimensional Stability, % max. change	22 hrs. @ 176°F (80°C) in a forced-air oven	± 2.5		
Hardness, Durometer	Shore "O"	19	15	
Resilience, Shore Instrument Resiliometer, avg (Ball Rebound Tester)	ASTM D 2632-96, Vertical Rebound (Slow Rebound surface)	9	9	
Tear Strength, pli, min. (kN/m)	ASTM D624 Die C	8 (1.4)	7 (1.2)	
Tensile Elongation, % min.	ASTM D3574 Test E	100	100	
Tensile Strength, psi, min. (kPa)	ASTM D3574 Test E	119 (821)	92 (636)	
Chemical Resistance		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. In most cases, physical properties recover to a great extent as the solvents evaporate.		
Skin Contact	Schwartz and Peck Human Patch Test	No evidence of Erythema or Edema		

The above data represents preliminary values. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. The user should determine the suitability for each application.

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.