Argent

poron® ALWAYS THERE

PORON® 4701-30 Very Soft

PROPERTY	TEST METHOD	TYPICAL VALUE		
PHYSICAL				
Density, kg/m³ (lb./ft³)	ASTM D3574-95, Test A	240 (15)	320 (20)	400 (25)
Tolerance, %			± 10	
Thickness, mm (inches)		4.78 - 12.7 (0.188 - 0.500)	1.57 - 3.18 (0.062 - 0.125)	0.79 - 1.14 (0.031 - 0.045)
Tolerance, %		± 10	± 10	± 15
Standard Color (Code)			Black (04)	
Compression Force Deflection, kPa (psi)	0.51cm/min (0.2"/min) Strain Rate Force Measured @ 25% Deflection	7 - 35 (1 - 5)	21 - 55 (3 - 8)	35 - 83 (5 - 12)
Typical kPa, (psi)		21 (3)	35 (5)	62 (9)
Hardness, Durometer Shore O	ASTM D2240-97	<3	8	16
Shore A		<3	5	12
Compression Set, % max	ASTM D1667-90 Test D @ 23°C (73°F)		2	
	ASTM D3574-95 Test D @ 70°C (158°F)		10	
	ASTM D3574-95 Test J/Test D Autoclaved 5 hrs @ 121°C (250°F)		5	
Dimensional Stability, % max change	22 hrs @ 80°C (176°F) in a Forced-Air Oven		± 1	
Tensile Strength, kPa (psi) min.	ASTM D3574-75, Test E	138 (20)	207 (30)	242 (35)
Typical kPa, (psi)		207 (30)	346 (50)	484 (70)
Tensile Elongation, % min.	ASTM D3574-75, Test E	100	100	100
Typical		160	155	150
Tear Strength, kN/m (pli) min.	ASTM D264-91 Die C	0.2 (1)	0.5 (3)	0.7 (4)
Typical kN/m (pli)		0.9 (5)	1.2 (7)	1.8 (10)

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