



Zialoc ThermoBlock - EPDM Blend Setting Block

Zialoc ThermoBlock is a high-performance setting block designed with a blend of EPDM materials. These blocks are engineered to provide superior durability and resilience, making them ideal for use in glazing applications.

Physical Properties, Typical

PARAMETER	SPECIFICATION	ACROSS GRAIN	WITH GRAIN	TEST METHOD
Hardness	Shore A	80 ± 5		ASTM D2240
Tensile Strength	psi	878	904	ASTM D412
Elongation	%	406	421	ASTM D412
Density	g/cm ³	1.05		ASTM D297
Tear Strength	ppi (N/mm)	263	263	ASTM D624 (Die B)
Heat Resistance (70°C, 70h)				
Change in Hardness	Shore A	+1		ASTM D573/2240
Change in Tensile	%	-0.9	±0.01	ASTM D573/412
Change in Elongation	%	+4.3	+0.9	ASTM D573/412
Change in Tear	%	-1.5	-6.8	ASTM D573/624
Ozone (6 weeks, Northern IL)		No Cracks		ASTM D1171B
Low Temp Brittleness (-40°C)		No Cracks	No Cracks	ASTM D137
Taber Abrasion, Mass Loss	mg/rev	0.0406		ASTM D3389
Flammability		Pass		FMVSS 302

Tolerances

TARGET THICKNESS, in (mm)	MINIMUM, mm	MAXIMUM, mm
1/16 (1.6)	1.21	1.97
3/32 (2.4)	2.00	2.76
1/8 (3.2)	2.79	3.56
3/16 (4.8)	3.95	5.58
1/4 (6.4)	5.54	7.16