

Industrial Pads Product Information



Test Description	Result	Test Method
R-Value (Thermal Resistance) per inch (per 25.4 mm)	4.0/inch	ASTM C518
Water Absorption	< 1.0%	ASTM D2842
Water Vapor Presence	100 ng/(s·m ² ·Pa) (1.75 perm-in.)	ASTM E96
Compressive strength at 23°C		
Compressive Strength @ 5% strain @ 23°C	180 Kpa (26 psi)	ASTM D1621 & ASTM C165
Compressive Strength @ 10% strain @ 23°C	210 Kpa (30.4 psi)	ASTM D1621 & ASTM C165
Compressive Strength @ 20% strain @ 23°C	230 kpa	ASTM D1621 & ASTM C165
Compressive strength at -30°C		
Compressive Strength @ 5% strain	520 kpa	ASTM D1621 & ASTM C165
Compressive Strength @ 10% strain	560 kpa	ASTM D1621 & ASTM C165
Compressive Strength @ 20% strain	630 kpa	ASTM D1621 & ASTM C165
Compressive strength at 50°C		
Compressive Strength @ 5% strain	150 kpa	ASTM D1621 & ASTM C165
Compressive Strength @ 10% strain	170 kpa	ASTM D1621 & ASTM C165
Compressive Strength @ 20% strain	200 kpa	ASTM D1621 & ASTM C165
Flexural Strength	550 kPa (80 psi)	ASTM C203
Tensile Strength	470 kPa (68.2 psi)	ASTM D412
Dimensional Stability: Thermal & Humid Aging	< 1.0%	ASTM D2126
Density	48 kg/m ³ (3.0 pcf)	ASTM C1622 & ASTM C303 & ASTM D3575
Dimensions	Min. dimensions as specified in the Product Description	ASTM C303
Formaldehyde Emission	< 0.1 ppm	AATTC-112 (ISO 14184)
Fungi Resistance	No fungal growth supported	ASTM G21

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