

Physical Properties - 10mm

Aristech Surfaces has offered a full line of premium materials for use in manufacturing bathtubs, wash basins, shower walls/trays, sinks/bowls and more. As a pioneer in material innovations, Aristech Surfaces LLC has recently unveiled a leading-edge designer surface material known simply as AVONITE[®] Flex.

AVONITE[®] Flex is an innovative material formulation infused within the full depth of this designer surface, offering the ability to pull and thermoform to tight detail, while maintaining

the premium matte finish even within deep draws. A premiere collection for OEM's, fabricator, and designers, of premium continuous cast specialty materials promoting lightweight handling, hygienic non-porous surface properties, manufactured with a luxurious matte aesthetic and offered in a boutique collection of white hues. The latest sought-after aesthetics in the most malleable of forms.

For over 50 years, Aristech Surfaces LLC has produced and marketed a broad range of surface and design materials for bath, shower, architectural applications to provide quality, cost-conscious and high-end aesthetic solutions sought by OEMs, architects, designers and fabricators for industries around the globe.

Property	Units	Solids	Test Method
General:			
Nominal Thickness	mm	10	—
Density	g/cm ³	1.36	ASTM D 792
Mechanical:			
Tensile Strength	MPa	49.4	ASTM D 638
Tensile Modulus	MPa	4,754	ASTM D 638
Tensile Elongation	%	1.45	ASTM D 638
Flexural Strength	MPa	94.5	ASTM D 790
Flexural Modulus	MPa	4,022	ASTM D 790
Barcol Hardness	—	55	ASTM D 2583
Charpy Impact	J/m	90.70	ASTM D 6110
Thermal:			
DTUL @ 264 psi	°C	95	ASTM D 648



Note: For cautions and information on exposure to any Aristech Surfaces LLC product, please see the applicable material safety data sheet (SDS).

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