

MATERIAL DATASHEET

Material Reference:

FLUORINOID® FL324

Poly Vinyl Chloride (PVC)

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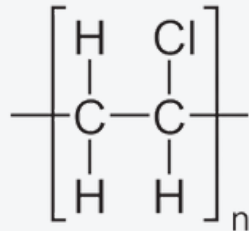
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> Description >

FL 324 is a dense and amorphous thermoplastic with relatively high strength, rigidity, and toughness. It offers high corrosion resistance, good electrical insulation, low moisture absorption, and good flame-resistant properties. Typical applications are in Electronic & Semi-conductor manufacturing, chemical tanks, glazing, and suction units, amongst others. It can be easily formed, bonded or welded, and hence due to its low cost, allows for applications in prototyping.



> Typical Physical Properties

Properties	Value
Specific Gravity	1.44
Tensile Strength at Yield	45 MPa
Elongation at Break	15 %
Shore D Hardness	82
Modulus of Elasticity	3000 MPa

These figures are typical values for the material and do not represent a product specification. Properties will vary depending on the source of raw material, method of processing, physical form of the product, direction of measurement etc.