

PVC (Polyvinyl chloride)

Key Features

Chemical resistance • Impact resistance

Applications

End-use parts • Automotive • Electronics •
Construction • Healthcare • Consumer goods

Product Description

PVC is a versatile polyvinyl chloride resin known for its high chemical resistance, good mechanical strength, flame retardancy, and weather resistance. This material is widely used in the construction industry for pipes, fittings, and window profiles, the automotive industry for interior trim and cable insulation, healthcare for medical tubing and IV bags, electrical and electronics for cable insulation and enclosures, and consumer goods for furniture and toys.

Properties

Tensile modulus	2,620 MPa
Tensile strength	41.9 MPa
Notched Izod Impact (23°C)	630 J/m
Heat deflection temperature (1.80 MPa)	68°C
Density	1.44 g/cm ³
Hardness	78D

*Based on material AuroraTec™ AP4020B

Reference

For more detailed source information, please consult the original document linked [here](#). We encourage users to verify the data's relevance and suitability for their specific needs.

