

POM / Delrin acetal

Key Features

Wear resistance • Chemical resistance •
Smooth surface

Applications

End-use parts • Automotive • Electronics •
Engineering • Consumer goods

Product Description

POM / Delrin Acetal is a high-performance resin known for its excellent mechanical strength, low friction coefficient, and good dimensional stability. This material offers excellent chemical resistance and high fatigue resistance, making it suitable for automotive components like gears and bearings, consumer goods such as zippers and buckles, industrial applications including conveyor belts and fasteners, and electrical connectors and switches.

Properties*

Tensile modulus	2,760 MPa
Tensile strength	54.5 MPa
Elongation at break	7%
Flexural strength	75.8 MPa
Flexural modulus	2,410 MPa
Notched Izod Impact (23°C)	110 J/m
Heat deflection temperature (1.80 MPa)	95°C
Density	1.39 g/cm ³

*Based on material AuroraGuard™ 3002FS

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.

