

Delrin®

Acetal Copolymer

OVERVIEW

Delrin® is an acetal homopolymer with an outstanding balance of properties that bridge the gap between metal and plastic. The key attributes of Delrin are low moisture absorption, high tensile strength, creep resistance, and durability. Because of its extreme chemical resistance to hydrocarbons, solvents and natural chemicals, Delrin is ideal for industrial applications.

APPLICATIONS & USES

- Pump and Valve Components
- Close Tolerance Precision Parts
- Thin Wall Parts
- Electronic Components
- Gears
- Bearings
- Bushings
- Rollers
- Fittings
- Electrical Insulator Parts

TECHNICAL DATA

PROPERTY	VALUE
Tensile Strength	9,500 psi
Tensile Modulus	400,000 psi
Tensile Elongation at Break	30%
Flexural Strength	12,000 psi
Flexural Modulus	400,000 psi
Compressive Strength	15,000 psi
Compressive Modulus	400,000 psi
Hardness	Rockwell M88 / R120
IZOD Impact-Notched	1.0 ft-lb/in
Coefficient of Linear Thermal Expansion	5.40
Flammability Rating	HB
Dielectric Strength	420
Dissipation Constant at 1 MHz	3.8

The data provided gives the typical properties of the material. These are "typical" properties only, and should not be used for specification purposes. This information is based on our experience to date and we believe it to be reliable. It is intended to be used only as a guide at your discretion and risk. Jade cannot guarantee favorable results and assumes no liability in connection with the use of this product. None of this information is to be taken as a license to operate under, or recommendation to infringe, any patents.