

# Milestones in innovation

DuPont™ Delrin® Acetal Resin Our 50<sup>th</sup> Anniversary Timeline

## DuPont™ Delrin® Acetal Resin

### 50<sup>th</sup> Anniversary

In the 50 years since DuPont synthesized acetal and trademarked it Delrin®, this innovative polymer has helped designers and engineers create new products and improve the quality, reliability and cost position of many existing products.

Delrin



*The miracles of science™*

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## ■ 1980s

Window lift motors

**Gears** molded from Delrin® and acetal make their debut in window lift motors.



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## ■ 1980s

### In-tank fuel reservoir

In 1986, Chrysler selects Delrin® for the **in-tank reservoir used in its turbo-charged and fuel-injected cars**. Use of such parts in high-volume vehicles would come a few years later.



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## ■ 1980s

### In-tank fuel pump for flex fuel

In 1981, Volkswagen adopts Delrin® for a two-piece housing and valves and other key components of a **fuel pump** for vehicles running on fuel mixtures containing up to 15% methanol. The pump is mounted inside the tank.



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## ■ 1980s

Tape cassettes

**Hub components** molded from Delrin® meets needs for mechanical performance as well as the molding characteristics required for high-speed molding in multi-cavity tools.



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## ■ 1980s

### Zippers

YKK, the global leader in zippers, selects Delrin® due to its high lubricity as its **primary material for teeth** replacing noisy and sticky metal.



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## ■ 1980s

### Buckles

In the early 1980s, Delrin® emerges as a primary engineering material for **buckles, clips and other fasteners** for luggage, backpacks and other recreational products.



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