

# ACETAL

## POLYOXYMETHYLENE (HOMO POLYMER ACETAL (DELRIN))

### PHYSICAL PROPERTIES

Density	DIN 53479	G/cm <sup>3</sup>	1.42
Tensile Strength at yield	DIN 53455	M/Pa	70
Elongation at break	DIN 53455	%	40
Charpy Impact Strength	DIN 53453	KJ/m <sup>2</sup>	no break
Maximum Service Temperature	Short term	°C	150
	Long term	°C	100
Moisture Absorption: Equilibrium in standard atmosphere (23°C/50% relative humidity)	DIN 53714	%	0.3
Ball Indentation Hardness	DIN 53456	MPa	170

Technical Data Sheet

## FURTHER INFORMATION

### Electrical Properties

Specific Volume Resistance	DIN 53482	$\Omega * \text{cm}$	$10^{15}$
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### THERMAL PROPERTIES

Flammability	UL94		HB
Co efficient Thermal Expansion		$10^{-5}/\text{K}$	10

The above data is based on present knowledge and is given without guarantee.  
Existing laws and conditions are to be respected by the user of our products.

**PARTWELL LIMITED**  
CUTTING TECHNOLOGY SPECIALISTS  
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