

VieTape POM7000

POLYOXYMETHYLENE PLASTIC

DESCRIPTION

POM7000 is an engineering thermoplastic with exceptional properties. POM is commonly used in the production of precision parts that demand high stiffness, low friction, and dimensional stability.

APPLICATION

POM7000's high stiffness, low friction, excellent dimensional stability, and good chemical resistance, and does not contain substances harmful to human health that have many applications in industry:

- Automotive component: fuel system components, gears, bushings, clips, valves, and other precision parts. POM's low friction and wear resistance make it suitable for applications like gears, where smooth operation and durability are essential.
- Electrical and electronic components: connectors, switches, relay housings, insulating components, and other electrical parts that require good dielectric properties and resistance to moisture and chemicals.
- Consumer Goods: zippers, buckles, handles, knobs, fasteners, and toys. POM's durability, low friction, and ability to withstand repeated use make it suitable for these applications
- Industrial Applications: gears, bearings, conveyor system components, valve parts, and other precision mechanical parts that require high strength, low friction, and dimensional stability.

FEATURES

Item	Parameter	Unit
Color	White	-
Tensile Modulus	2900	MPa
Flexural strain at flexural strength	2600	MPa
Melting temperature	170	°C
Density	1.41	g/cm ³
Volume resistance	10 ¹⁴	Ohms-cm
Surface resistance	10 ¹⁶	Ohms
Dielectric Strength	30	kV/mm

Issued date: September 2022

VIETAPE MATERIAL TECHNOLOGY CO., LTD

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SHELF LIFE

Store in original package in a clean dry place at (10-30 °C) and 40-60% relative humidity.
Shelf life is 1 year form date of manufacture when store at recommended storage condition

The above values are sample observed values, we do not guarantee the actual performance due to the different of application method, bonding design, bonding substrate.. We highly recommend customer to test in the real part

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