

HOOK



MOULDED MATERIAL	POM
FAMILY OF MATERIALS	POM-C;POM-H (Polyoxymethylene)
POLYMER'S FEATURES	<p>POM is a homopolymeric or copolymeric acetal resin filling the gap between ordinary metals and plastics, with a unique combination of stiffness and traction strength, resistance to repeated impact, creep and fatigue resistance, resistance to solvents, fuels and humidity. POM is strong against abrasion, has a good impact coefficient, elastic behaviour and dimensional stability. Since its introduction on the market (1960) POM has been successfully used for a lot of technical applications, worldwide and in any sector (automotive, consumer, industrial and electrical).</p> <p>Starting from its basic standard types (100, 500 and 900), having different viscosity, further types have been developed: toughened, glass reinforced, UV-resistant, lubricating, low friction and low wear, extruded POMs.</p>
APPLICATION FIELDS	<p>Precision gears, springs and elastic elements, conveyor belts, lighters, lock components, sliding guides, fuel pump components, aerosol valves, levers and components for ski boots and ski or snowboard bindings, etc.</p> <p>In this case, the hook requires good chemical resistance, high stiffness and creep resistance, dimensional stability and compatibility of the polymer with the Food</p>
SPECIAL NOTES	