

# FUEL DISTRIBUTOR



<b>MOULDED MATERIAL</b>	PBT (Glass Fiber)
<b>FAMILY OF MATERIALS</b>	PBT (Polybutylene terephthalate)
<b>POLYMER'S FEATURES</b>	<p>PBT is a polybutylene terephthalate , a thermoplastic polymer belonging to the polyester family.</p> <p>PBT product range is very wide and suited to many industrial applications, from electronics, electrics and automotive to mechanics, household and sport. PBT family is made of over 30 different materials, half of which being flame retardant. PBT has excellent mechanical (stiffness and fracture toughness), thermal and tribological properties (friction and wear coefficient), as well as aesthetical features (excellent gloss and stain ability). PBT absorbs a very low humidity content. The molded part is hence dimensionally very stable. PBT has also special grades with excellent isolation properties and resistance of the electric arc.</p> <p>The transformation process is very simple: PBT has an excellent smoothness, allowing rapid cycling with traditional injection moulding machines. Simple are also any post-moulding operations, such as welding, gluing, painting, laser marking and printing.</p>
<b>APPLICATION FIELDS</b>	<p>Transformer or solenoid encapsulation, coils, electric motor heads, connectors, condensers, switches, lamp-holders, beacon parabolas, springs, wheel bearings, profiles, fibre optics cladding, household parts, etc.</p> <p>In this case the hook requires a good surface finish and high stiffness and creep resistance and good resistance to chemicals, the polymer must also be compatible with the medical field and allow the evidence of various kinds of aesthetic finish matched between them.</p>
<b>SPECIAL NOTES</b>	