

# COATING FOR MAGNETS



<b>MOULDED MATERIAL</b>	-PPS –(fiberglass)
<b>FAMILY OF MATERIALS</b>	PPS (Polyphenylene Sulphide)
<b>PLYMER'S FEATURES</b>	<p>PPS is an excellent combination of properties, such as bearing capacity and dimensional stability, also when exposed to environments rich in chemical agents and at high temperatures.</p> <p>PPS is used where PA, POM, PET, PEI and PSU would fail, or where PBI, PEEK and PAI would be too expensive and a cheaper solution is required. These features, together with an excellent chemical resistance, offer many possible applications of PPS in various industry sectors.</p>
<b>APPLICATION FIELDS</b>	<p><b>Pump housings / Impellers</b> Pump housings, impellers and impeller bushes, bearings, bearing casings</p> <p><b>Electrical / electronic components</b> Switches for high temperature, relay casings, connectors, coils, winding casings</p> <p><b>Brush motors, impellers and blowers</b> Brush holders, motor brushes and rings.</p> <p><b>Small home appliances</b> Thermostat check device for electrical blankets, pan handles, resistor casing for hair dryer, rings for coffee machines, isolating disks and valves of steam irons, toaster switches.</p> <p><b>Heat exchangers</b> Smoke collectors, chimney lining, Venturi's pipes, casing for flow measurement devices.</p> <p><b>Thermostat casings</b> Thermostat seat, air and water gas valves, screws and electrical elements for heating systems.</p> <p><b>Water management</b> Hot water valves, mixer cartridges for hot water</p> <p><b>Business Machines</b> Sensors for printing paper, heads and gears for fax machines and copiers, medical and scientific devices.</p> <p><b>Heating (HVAC )</b> Wind blower casing, booster exhaust box, exhaust manifold, heads for heat exchangers, fuel oil pumps, hot water recirculation parts, motor relay/switch, thermostat components</p> <p><b>Lighting</b> Parabola and reflector casing, contacts casing, ballast components</p> <p><b>Big home appliances</b> Motor brush holders, hair dryer switches, defroster plugs, terminal boxes, MWO dish turner</p>
<b>SPECIAL NOTES</b>	<p>Cattini Engineering Plastics is recommended by:</p> <ul style="list-style-type: none"> <li>- CHEVRON PHILLIPS CHEMICAL COMPANY: <a href="http://www.rytonpps.com">www.rytonpps.com</a> -</li> <li>- SOLVAY Advanced Polymers: <a href="http://www.solvayadvancedpolymers.com">www.solvayadvancedpolymers.com</a></li> </ul>