

BODY+COVER CASING



MOULDED MATERIAL	-PPS –(fiberglass + mineral)
FAMILY OF MATERIALS	PPS (Polyphenylene Sulphide)
PLYMER'S FEATURES	<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>
APPLICATION FIELDS	<p>Pump housings / Impellers Pump housings, impellers and impeller bushes, bearings, bearing casings</p> <p>Electrical / electronic components Switches for high temperature, relay casings, connectors, coils, winding casings</p> <p>Brush motors, impellers and blowers Brush holders, motor brushes and rings.</p> <p>Small home appliances 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>Heat exchangers Smoke collectors, chimney lining, Venturi's pipes, casing for flow measurement devices.</p> <p>Thermostat casings Thermostat seat, air and water gas valves, screws and electrical elements for heating systems.</p> <p>Water management Hot water valves, mixer cartridges for hot water</p> <p>Business Machines Sensors for printing paper, heads and gears for fax machines and copiers, medical and scientific devices.</p> <p>Heating (HVAC) 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>Lighting Parabola and reflector casing, contacts casing, ballast components</p> <p>Big home appliances Motor brush holders, hair dryer switches, defroster plugs, terminal boxes, MWO dish turner</p> <p>In this case, Housing and require high mechanical strength and stiffness, good dimensional accuracy, low thermal expansion and chemical resistance</p>
SPECIAL NOTES	<p>Cattini Engineering Plastics is recommended by:</p> <ul style="list-style-type: none"> - CHEVRON PHILLIPS CHEMICAL COMPANY: www.rytonpps.com - - SOLVAY Advanced Polymers: www.solvayadvancedpolymers.com -