

# LUNG of INTAKES



<b>MOULDED MATERIAL</b>	PARA-(polyarylamide+glassfiber)
<b>FAMILY OF MATERIALS</b>	PAA;PPA;PAMXD6;PARA(High Performance Polyamides)
<b>POLYMER'S FEATURES</b>	<p>PARA compounds represent a special group of glass fibre and/or mineral reinforced thermoplastics.          The basic resin of PARA compounds is polyarylamide (aromatic semi-crystalline polyamide), which gives good properties to the injected parts used in many industrial applications.          Very high stiffness and high resistance to mechanical stress          High resistance to buckling          Excellent surface finishing          Good dimensional stability          Low moulding shrinkage and high precision reproducibility, what allows the guarantee of minimum tolerances. Slow and modest water inlet          Like all the other polyamides, polyarylamide too is quite sensitive to humidity. Anyway, its semi-aromatic character causes a weaker and slower water inlet of the moulded parts containing PARA compounds, than PA6 and PA66 parts which are more sensitive to humidity.</p>
<b>APPLICATION FIELDS</b>	<p><b>Automotive and transport</b>          Petrol pumps, cover for turnover device, vandal-proof seats, rear view elements, clutch parts, wiper commands, oil filter boxes, steering lever knee joint for headlights, door handles, seat control drive, headlight parabola, etc.</p> <p><b>Electrotechnical industry</b>          Connectors, racks of electrical and electronic devices, sliding guides for video tape recorders, guarded switches, CD disc holder, winding motor brackets, telecommunication parts, etc.</p> <p><b>Home appliances</b>          Iron elements, electric shaver heads, support brackets for vacuum cleaner motors, sewing machine elements, etc.</p> <p><b>Others</b>          Applications in the fields of leisure and tools.</p> <p>In this case the lung requires high dimensional stability with temperature extremes, high mechanical strength at high temperatures, chemical resistance, low thermal expansion, the possibility of welding of other components of the polymer</p>
<b>SPECIAL NOTES</b>	<p>Cattini Engineering Plastics is recommended by:          - SOLVAY Advanced Polymers : <a href="http://www.solvayadvancedpolymers.com">www.solvayadvancedpolymers.com</a></p>