

LEVERAGE TOOL



MOULDED MATERIAL	PARA - IXEF® (polyarylamide+ fiber glass)
FAMILY OF MATERIALS	PAA;PPA;PAMXD6;PARA(High Performance Polyamides)
POLYMER'S FEATURES	<p>IXEF® compounds represent a special group of glass fibre and/or mineral reinforced thermoplastics.</p> <p>The basic resin of IXEF® compounds is polyarylamide (aromatic semi-crystalline polyamide), which gives good properties to the injected parts used in many industrial applications.</p> <p>Very high stiffness and high resistance to mechanical stress</p> <p>High resistance to buckling</p> <p>Excellent surface finishing</p> <p>Good dimensional stability</p> <p>Low moulding shrinkage and high precision reproducibility, what allows the guarantee of minimum tolerances. Slow and modest water inlet</p> <p>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 IXEF® compounds, than PA6 and PA66 parts which are more sensitive to humidity.</p>
APPLICATION FIELDS	<p>Automotive and transport 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>Electrotechnical industry 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>Home appliances Iron elements, electric shaver heads, support brackets for vacuum cleaner motors, sewing machine elements, etc.</p> <p>Others Applications in the fields of leisure and tools.</p> <p>In the specific case, the lever requires good stiffness and chemical resistance, good surface finish, the polymer must also allow for the completion of a particular channel and of its power despite the long path induced by the shape and the technical constraints of the mold, it must have an elasticity sufficient to allow the assembly of other components in different polymers by means of joints to pressure, and compatibility with the medical</p>
SPECIAL NOTES	<p>Cattini Engineering Plastics is recommended by:</p> <p>- SOLVAY Advanced Polymers : www.solvayadvancedpolymers.com</p>