DOUBLE GEAR

MOULDED MATERIAL	-PAI-
FAMILY OF MATERIALS	PAI (Polyamide-Imide)
POLYMER'S FEATURES	PAI varieties have exceptional mechanical properties, as well as stiffness and creep resistance to a wide range of temperatures, extremely low thermal expansion coefficient, up to 250 °C. These are top products per very high temperature applications.
APPLICATION FIELDS	**Gears** Fatigue strength High resistance and stiffness Dimensional stability Chemical resistance Creep resistance Noise reduction **Guide shoes** Self-lubricating Impact strength Mechanical strength Thermal stability **Washers** Thermal stability High crushing strength Creep resistance Dimensional stability Self-lubricating **Bushes** Low friction coefficient Thermal stability High crushing strength Chemical strength Long-term performance **Gaskets** Thermal stability High crushing strength Creep resistance Conformability (doesn't loose) Dimensional stability Self-lubricating **Hooks** Exceptional strength High elongation Chemical resistance Dimensional stability Non-corrosive
SPECIAL NOTES	Cattini Engineering Plastics is recommended by: - SOLVAY Advanced Polymers : www.solvayadvancedpolymers.com-