

NYLON RESIN FOR VARIOUS BLOW MOLDINGS

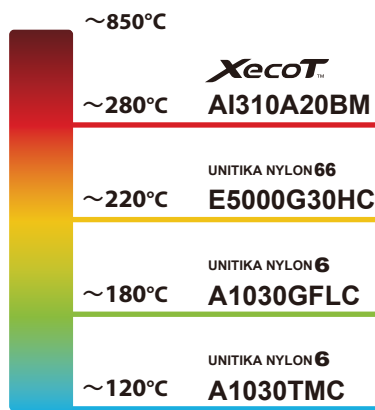
HIGH HEAT RESISTANT PLASTICS FOR BLOW MOLDING

With UNITIKA original compound technics, this Nylon resin can be used for various blow moldings. We will customize according to required performance. We realize weight saving by replacing metal in automobile ducts and pipes.

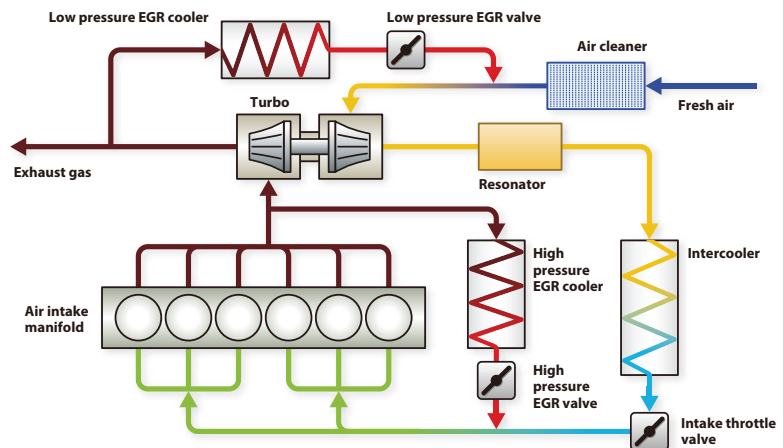


Various lineup for heat resistant needs

Heat resistant property needs to be improved by movement of engine downsizing. Our proposal of applicable grade in accordance with heat resistant requirements.



Applicable temp range for blow molding grades



Auto mobile intake system schematic and Application grades

Enable to customize in according with molding method and required strength

Suction blow molding

Direct blow molding

Three dimensions blow molding

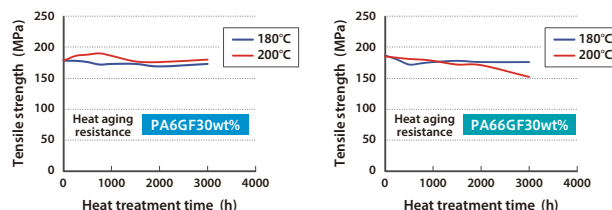
Able to adjust melting viscosity for various blow molding method. We provide most useful material that reduces drawdown at molding and enables to change thickness even in complex duct shape. Viscosity + GL Ingredients etc. Able to provide at small Lot

Approaching Applications



Turbo duct, EGR duct, Air cleaner duct, SCR duct, Water pump duct

Long-term heat resistance



Vibration weldability

PA66 grades comparison
Vibration weld condition
amplitude : 0.04 (mm)
pressure : 3.0 (MPa) × 0.5 (s) ⇒ 3.5 (MPa) × 0.5 (s)
Strength measurement condition
Tensile speed : 1mm/min

