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.

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

Long-term heat resistance

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

Vibration weldability

PA66 grades comparison

Valiation 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

Applicable temp range for blow molding grades

Auto mobile intake system schematic and Application grades