materials

D

ACETAL RESIN
The acetal resin offers very good mechanical specifications, excellent wear resistance and a low coefficient of friction. Used in the manufacturing of plates for flat top chains, it is an economical alternative to our LFA material. FDA (Food and Drug Administration) approved for direct contact with food.

Working temperatures:
- 40° C / + 80° C
(dry environment)
- 40° C / + 65° C
(wet environment)

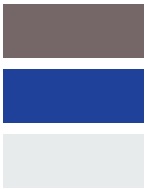
Colour: grey, white

LFA / WAF / WLF

LOW FRICTION ACETAL RESIN
This material has a low coefficient of friction, high wear resistance and excellent resistance to chain tension.
It is recommended for high load, high speed applications. FDA (Food and Drug Administration) approved for direct contact with food.

Working temperatures:
- 40° C / + 80° C
(dry environment)
- 40° C / + 65° C
(wet environment)

LFA colours: light brown, blue
WAF/WLF colour: white



SP

SUPER PERFORMANCE ACETAL RESIN
The super performance resin has a lower coefficient of friction than LFA material. Plate wear and pitch elongation are reduced; it is suitable for high speed applications and reduced lubrication. FDA (Food and Drug Administration) approved for direct contact with food.

Working temperatures:
- 40° C / + 80° C
(dry environment)
- 40° C / + 65° C
(wet environment)

Colour: dark grey

SLX

EXTRA ADDITIVATED ACETAL RESIN
Internally lubricated polyacetal for high-speed applications. Recommended on application for PET containers and bottling lines. Increased wear resistance.
FDA (Food and Drug Administration) approved for direct contact with food.

Working temperatures:
- 40° C / + 80° C
(dry environment)
- 40° C / + 65° C
(wet environment)

Colour: light grey

AK

HIGH WEAR RESISTANT ACETAL RESIN
Very special material with aramidic fibers and low friction coefficient recommended on dry applications for glass container, PET container and bottling lines.

Working temperatures:
- 40° C / + 80° C
(dry environment)
- 40° C / + 65° C
(wet environment)

Colour: dark grey, yellow

WRX

WEAR RESISTANT POLYAMIDE COMPOSITE
It is especially wear resistant in abrasive environment and it is suitable for conveying glass containers, mechanical components, sand, etc.

Working temperatures:
- 20° C / + 120° C
(dry environment)

Colour: black

AS

ANTISTATIC ACETAL RESIN
This material offers great protection against static electrical charges. It is ideal for explosive atmosphere and where an electrostatic force may cause product instability.

Working temperatures:
- 40° C / + 80° C
(dry environment)
- 40° C / + 65° C
(wet environment)

Colour: black

PPB

CHEMICAL RESISTANT REINFORCED POLYPROPYLENE
This improved polypropylene has acid and corrosion resistance characteristics; it is specially recommended when a chain is exposed to chemical agents.

Working temperatures:
+ 5° C / + 105° C
(dry environment)
+ 5° C / + 105° C
(wet environment)

PPB chains dimensions are larger than those indicated in the drawing. To know dimensions refer to our Technical Department.

Colour: white

PBT

EXTRA PERFORMANCE POLYESTER RESIN (Available upon request)
It has a very low coefficient of friction and offers an excellent wear resistance. Plate wear and pitch elongation are reduced. It is specially developed for high speed and dry running applications.

Working temperatures:
- 40° C / + 125° C
(dry environment)
- 40° C / + 60° C
(wet environment)

Colour: green, white, black

HT

GLASS REINFORCED POLYESTER RESIN (Available upon request)
Material with an extremely high resistance to the heat and wear.
FDA (Food and Drug Administration) approved for direct contact with food.

Working temperatures:
- 40° C / + 140° C
(dry environment)

Colour: black, white

SYMBOLS

ZERO GAP
ZERO GAP
It improves the stability of the trasported product.

PINS D TYPE
PINS D TYPE
Better seal on the hinge.