

GENERIC MATERIAL

POLYCARBONATE (PC)

And POLYCARBONATE BLENDS

COMMERCIAL SUPPLIER

Sabic
Sabic
Bayer, Inc
Eastman
DOW
RTP Company
Evonik CYRO

COMMERCIAL NAME

Lexan, Cyclooy
Xenoy
Makrolon, Bayblend
Eastalloy
Calibre
PermaStat
Cyrex

TYPICAL APPLICATIONS

Automotive Headlights, Business Machines, Consumer Products, Telecommunications, Medical Products and Mechanical Goods.

ADVANTAGES

- > High impact resistance
- > Clarity
- > Good flammability performance
- > Dimensional stability
- > Chemical resistance (PC blends)

DISADVANTAGES

- > Only fair solvent resistance
- > Subject to stress cracking
- > Degrades if not processed correctly
- > High processing temperature
- > Yellowing after long term exposure to UV light