

GENERIC MATERIAL

ACRYLONITRILE BUTADIENE STYRENE (ABS)

And ABS BLENDS

COMMERCIAL SUPPLIER

Sabic
Sabic
Polyone Corp
Ashland Inc

COMMERCIAL NAME

Cycolac, Espree
Cycology, Lexan
Stat-Tech, Edgetech
Hival

TYPICAL APPLICATIONS

Automotive Parts, Household Appliances, Business Machines, Pipe, Metallized Components, Telephone Components and Medical Products.

ADVANTAGES

- > Good impact resistance with toughness and rigidity
- > Metal coatings have excellent adhesion to ABS
- > Excellent processability and appearance

DISADVANTAGES

- > Poor solvent resistance
- > Low dielectric strength (not a good insulator)
- > Low continuous service temp. (melts easily)