

GENERIC MATERIAL

POLYSTYRENE *(PS)*

COMMERCIAL SUPPLIER

Sabic
Ashland

COMMERCIAL NAME

Noryl
Hival

TYPICAL APPLICATIONS

Household Goods, Containers, Furniture, Housings and Packaging.

ADVANTAGES

- > Optical Clarity
- > High gloss
- > FDA grades available
- > Processable by all thermoplastic methods
- > Low cost
- > Good dimensional stability
- > Good rigidity

DISADVANTAGES

- > Flammable, but flame retardant grades available
- > Poor solvent resistance
- > Homopolymers are brittle
- > Subject to stress and environmental cracking