

POLYSTYRENE

DESCRIPTION:

Polystyrene or better known as foam, is an expanded, rigid cellular plastic foam material derived from petroleum and natural gas by-products.

SIZES:

Standard Sheet: 2.4m w x 1.2m l
Thickness range: 10mm—250mm
Special sizes are cut to order .

GRADES:

Polystyrene is available in various grades, based upon the density of the material. The most common grade 'SL' has a thermal conductivity of :

$$K = 0.041 \text{ W/mk @ } 25^{\circ}\text{C}$$

USES:

- Void former in building & construction industry
- sign writing
- aquarium industry
- floral industry
- packaging industries
- home handyman

FEATURES & BENEFITS:

- Lightweight
- Easy to handle
- Durable
- Strong and flexible
- Long term R-value
- Low water absorption
- Shock absorbent
- Vibration dampener
- Buoyant
- Comparatively inert
- Low combustibility
- No food value for insects & rodents
- Recyclable

