

Technical Data Sheet FOAM LIGHT

Qualities:

- Good dimensional strength
- Machines easily
- Good impact strength

Features:

- It's made from monomer, vinyl chloride
- It's an excellent insulator
- Extensively used in sign sector, furniture decoration, wall coverings

| ASTM test | Property | Rigid | Flexible |
|-------------------|--|-------------|----------------|
| PHYSICAL | | | |
| D570 | Water absorption, 24 hours, 1/8 inch | 0.04-0.4 | 0.15-0.75 |
| THERMAL | | | |
| C177 | Thermal conductivity (10~4 cal- | 3.5-5.0 | 3.0-4.0 |
| D696 | Coefficient of thermal expansion (10~5 | 1.2-5.6 | 3.9-13.9 |
| ELECTRICAL | | | |
| D149 | Dielectric strength (V/mil) short time, 1/8- | 350-500 | 300-400 |
| D150 | Dielectric constant At 1kHz | 3.0-3.8 | 4.0-8.0 |
| D150 | Dissipation factor At 1kHz | 0.009-0.017 | 0.07-0.16 |
| D257 | Volume resistivity (ohm- | >10~16 | 10~11 to 10~15 |
| D495 | Arc resistance(s) | 60-80 | - |