

## Material Data Sheet Rev 1.22 (01/28/22)



Product name: LSP L

Insulation: expanded polyethylene closed cell foam low density polyethylene film  
 Insulation product codes: polyolefin products  
 Chemical family: polyolefin thermoplastics

### Composition information on ingredients (Insulation)

Polyethylene	CAS 9002-88-	85% - 100%
Other proprietary additives	N/A	0 - 15%

AIR DUST		PERCENTAGE LIMITS Wt
Isobutane	CAS 00 5-28-5	800 ppm TWA (AC I )



**Insulation**

**Product made according to ASTM C 1200 type I (tubular) grade I (insulation material for use on typical commercial system non-cross-linked).**

**Low-density polyethylene foam:**

- □

**Water vapor permeability: according to ASTM 900**

- $\rho \square \square$

**Working temperature: according to ASTM C 1200 type I (tubular) grade I from -9 to 250**

**Wall thickness available: 3/8 1/2 3/4 1**

**Surface burning characteristics: UL 23 CLASS I DR395 2 (ASTM 825/50)**

- flame Spread Inde : 0
- Smoke Development Inde : 10

**UV Resistance: UL PR RMA C V RI I DA 93219- 1 retention of strenght properties after 2000 hours of UV conditioning in Accelerated Weathering Test Machine.**

based on internal test performed at PDM labs 2000 hours in Accelerated Weathering Test machine are comparable direct sunrays exposure for 5 years at subtropical latitude.

**Thermal conductivity according ASTM C 335-95**





#### Declaration of NO RED List Items:

PDM US Corp. declares the polyethylene foam used in all its products to be cleared of all the RED LIST ITEMS, specifically:

- Asbestos • Cadmium • Chlorinated Polyethylene and Chlorosulfonated Polyethylene • Chlorofluorocarbons (CFCs) • Chloroprene (Neoprene)P • Formaldehyde (added) • Halogenated Flame Retardants • Hydro chlorofluorocarbons (HCFCs) • Lead (added) • Mercury • Petrochemical Fertilizers and Pesticides • Phthalates • Polyvinyl Chloride (PVC) • Wood treatments containing Creosote, Arsenic or Pentachlorophenol

#### California Proposition 65 Declaration

All PDM US LLC products do NOT contain chemicals listed on California's Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65).

All PDM products are 100% recyclable.



PDM US LLC

