# CLOSED CELL PU FOAM SHEETS AND BOARDS



## **SPECIFICATION**

- 100% recyclable and processed sustainably.
- Remarkable tensile and compression strength.
- Exceptional mechanical and physical strength.
- Exceptional thermal and heat insulation.
- Exceptional flame and smoke resistant.
- No water and moisture absorption.
- Excellent thermal and heat stability.
- Extreme weather resistant.
- Service temperature up to 200°F (94°C).
- Excellent bonding properties with conventional resins and glue
- Low resin and glue absorption is due to closed cells.
- Dust-free, easy to install, and low maintenance.
- Does not cause any allergic reaction.
- Manufactured in USA.

### **APPLICATIONS**

- Residential and commercial building insulation.
- Stadium insulation.
- Roof, wall and ceiling insulation.
- Cruise and yacht structural insulation.
- Airport structural insulation.
- Shopping mall advertisement frames
- Refrigerator and freezer insulation.
- Cold storage (temperature control) insulation.
- Temperature-controlled truck and vehicle insulation.
- Structural insulation panel and laminate production.
- Partition wall manufacturing.
- Weather-resistant packaging.
- Cruise and yacht interior decoration.
- Commercial and residential interior decoration.
- Door and window panels.

#### **DIMENTIONS**

- → Thickness: ½" to 24"
- Dimensions: 48" X 96" (4' X 8'); 48" X 120" (4' X 10'); 60' X 120" (5' X 10').
- Density: 4 lbs/cf (65 kg/m3), 6 lbs/cf (90 kg/m3).
  8 lbs/cf (110 kg/m3), 10 lbs/cf (130 kg/m3),
  12 lbs/cf (150 kg/m3), 16 lbs/cf (250 kg/m3),
  20 lbs/cf (320 kg/m3).
- Custom cutting: Yes

#### Jay Mondal, PhD

Advanced Performance Materials LLC Email: jay@advancedmaterialsus.com Phone: +1 929 476 3870