

20-2026

LOW DENSITY RIGID POLYURETHANE FOAM

DESCRIPTION:

20-2026 is a low viscosity, two component, closed cell urethane foam. This is a rigid, non-CFC containing foam.

20-2026 can be used for potting, encapsulating, thermal insulation, flotation devices, sandwich panel cores, etc...

TYPICAL SPECIFICATIONS:

Viscosity, 25C	
Resin	500
Catalyst	150-350
Mix Ratio, (Resin:Catalyst)	
By Weight	100:100
Color	Tan/ Off-white
Service Temperature, Continuous, °C	135
Cream Time, Seconds	32-36
Gel Time, minutes, seconds	1'35"
Rise Time, minutes, seconds	3'20"
Tack Free Time, minutes	6
Specific Gravity, 25°C	
Resin	1.17
Catalyst	1.24
Density, Lbs./Ft ³	5.8-6.2
Compressive Strength, psi	150
Water absorption, gm/cm ²	0.315
Dielectric Constant, 1MHz	1.12
Dissipation Factor, 1 MHz	0.002
Heat Distortion Resistance, 3 Days, 94°C	Excellent
Coefficient of Linear Expansion, per °C	35 x 10 ⁻⁶
Thermal Conductivity W/m-K	0.02
Water absorption, gm/cm ²	0.315

**INSTRUCTIONS FOR USE:**

- 1) By weight mix 100 parts Resin to 100 parts Catalyst.
- 2) Mechanical mixing is preferred over hand mixing.
- 3) Pour and allow to foam.
- 4) Demold in 10-12 minutes.

TOXICITY, HANDLING, AND STORAGE:

Contains reactive isocyanate. Avoid breathing vapors and use adequate ventilation. Wear protective clothing, gloves and protective eyeglasses. In case of eye contact flush with water. In case of skin contact wash with soap and water.

Store between 65-85°F in dry area. Avoid sunlight, heat, and freezing. Keep away from moisture which can create pressure and rupture the container. Keep container closed when not using.

AVAILABILITY:

20-2026 is available in quart and gallon containers.

IMPORTANT:

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