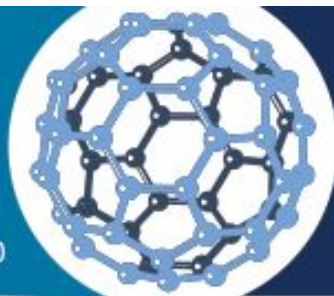


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Technical Data Sheet

5000-2.5 TRX Pouring Foam

5000-2.5 TRX pouring foam is a water-blown foam designed especially for pour casting into molds to create very intricate very diverse parts. This pouring foam is blended to specifically designed reactivity molding times such as creme time, gel time, tack-free and overall cure time. The foam contains a bio-based polyol. This pour casting foam may be used in a variety of applications in very diverse industries such as architectural wall and decorative part moldings, furniture and toy markets, specialty part moldings etc.

Please contact our Customer Service and Technical Support Group for any questions or to provide direction with specific selection of a material system, questionable target applications, operational procedures, material pumping/pour machines, safety protection gear and clean-up.

Technical Application Data

5000-2.5 TRX is a two component mixture: 1A to 1B mix ratio pbv. This foam is normally mixed and dispensed using a plural component machine. Typical working times are: creme-30-40 sec., gel time-90 sec and tack-free-120 sec. Caution must be used in heavy thick pours where high exothermic temperatures of 300F may be seen. Substrate must be dry with relative humidity < 85%. Volumetric expansion of these foams are dependent on many factors including proper mixing, equipment and temperatures of the resins, substrate and ambient. Recommended mold temperatures are from 100F to 120F. This foam is not UV stable and not intended for direct exterior weatherability applications.

Physical Properties

5000-2.5 TRX Physical Properties

DENSITY (PCF)	ASTM D1622	(2.5PCF)
Fire Rating	Class 1	
Thermal Resistance (Rvalue)	ASTM C518	4.7(6.8)
Compressive Strength (psi)	ASTM D1621	37
Shear Strength (psi)	ASTM C273	26
Shear Modulus	ASTM C273	253
Tensile Strength (psi)	ASTM D1623	44
Flexural Strength (psi)	ASTM C203	65
Flexural Modulus	ASTM C203	522
Water Absorption (%vol)	ASTM D2842	<0.1
Water Vapor (perm-in)	ASTM E96	<1.0
Fungi Resistance	ASTM C 1338	None
Closed Cell Content (%)	ASTM D2856	>90
Viscosity, CPS	ASTM D265	A side= 200 B Side =800