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PRODUCT TECHNICAL DATA BL-71

DESCRIPTION

BL-71 is a 100% polyurea spray elastomer with exceptional physical properties. Its instantaneous reactivity and one-to-one ratio makes **BL-71** an excellent choice for high performance applications.

PROPOSED USES

BL-71 is designed for use in harsh environments where high temperature, chemical, and/or abrasion resistance is needed. It exhibits excellent adhesion to most materials and is suitable as a protective-abrasive-impact liner for cementitious, wood, and/or metal surfaces. This 4th generation pure urea coating is perfect for blast mitigation and ballistic armament.

TYPICAL PROPERTIES

Property	Test Method	"A"	"B"
Color	N/A	Off-white	Amber/ Black
Specific Gravity	ASTM D-1638	1.12	1.08
Viscosity	Brookfield LVF	900 cps +100	1000 cps + 100
Mixing Ratio	By Volume	50	50
Pounds Per Gallon	From Spec. Gravity	10.3	8.3

PHYSICAL PROPERTIES

DENSITY (PCF)	(ASTM D-1622)	70
SHORE A HARDNESS	(ASTM D-2240)	90 - 95
SHORE D HARDNESS	(ASTM D-2240)	60
TENSILE STRENGTH	(ASTM D-2370)	2900 psi minimum
ELONGATION	(ASTM D-2370)	225% minimum
TEAR STRENGTH	(ASTM D-1004)	550 ppi minimum
TABER ABRASION (H-18 WHEEL, 1000 CYCLES)		0.013% weight loss

Call **Bullet Liner** for technical questions. 770-607-0755.

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