

PRECIDIUM™ BL100

DESCRIPTION

PRECIDIUM™ BL100 is a two component, 100% - solids, high-performance, fast-set, hybrid polyurea/polyurethane elastomer for use in general purpose industrial applications.

FEATURES

- Impact resistant
- Excellent abrasion resistance
- Resistant to cracking under high flex conditions
- Remains tough at lower temperatures
- Chemical resistant

PHYSICAL PROPERTIES

Mix Ratio	1:1 (volume)
ISO Viscosity (23°C)	650-1450 cP
Resin Viscosity (23°C)	750-1250 cP
Gel Time	5-9 seconds
Tack Free Time	10-15 seconds
Shore Hardness	48D (ASTM D2240)
Elongation	160% (ASTM D412)
Tensile Strength	2700 psi (ASTM D412)
Tear Strength	500 lbs/in (ASTM D624)
Taber Abrasion	12 mg (CS-17 Wheel) 238 mg (H-18 Wheel) (ASTM 4060, mass loss after 1000 cycles, 1kg weight)

Conical/Mandrel Bend Pass (ASTM D522, Test Method A)

Impact ASTM D2794
Extrusion >320 in/lb
Intrusion >320 in/lb

Physical properties may vary due to spray equipment and conditions.

INSTRUCTIONS

For application use a regulated high-pressure proportioner (1:1) and spray gun system capable of producing a minimum of 2000 psi. Thoroughly mix RESIN prior to use. Preheating RESIN and ISO to approximately 80° F will improve performance.

Recommended Heater Settings:

Line/Pre-Heaters	120-150° F
Hose Heat	120-150° F

STORAGE

Store in a cool and dry place for product integrity. Store in tightly sealed containers to protect from moisture and foreign materials.

SAFETY AND HANDLING

An SDS is available from Quantum Chemical.

AVAILABILITY

PRECIDIUM™ BL100 is packaged in 186L drums.