

DESCRIPTION

PRECIDIUM™ 650D is a 100% solids high performance two-component polyurea elastomer that can be used for heavy-duty industrial applications. It has excellent resistance to a wide range of chemicals, coupled with superior physical properties and is suited to a wide range of industrial applications.

FEATURES

- Excellent abrasion resistance even at high temperatures.
- Highly resistant to impact over wide temperature range.
- Resistant to cracking under high flex conditions.
- Remains flexible at low temperature.
- Resistant to water and a wide range of chemicals.
- Can be tinted to a wide range of colors.

INSTRUCTIONS

PRECIDIUM™ 650D is a fast-set system intended for use with plural component spray equipment with a mix ratio of 1 to 1 capable of producing 1600-2700 psi.

STORAGE

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

AVAILABILITY

PRECIDIUM™ 650D is packaged in 52.9 US Gallon drums.

SAFETY AND HANDLING

An SDS is available from Quantum Chemical.

PROPERTIES OF CURED PRODUCT

Volume Solids	100%
VOC	0
Service Temp.	- 50° C (-58° F) to 100° C (212° F)
	Test Method Result
Durometer D Hardness	ASTM D2240 ~50-55
Tensile Strength (Die C)	ASTM D412 4200 psi
Elongation (Die C)	ASTM D412 280%
Tear Strength (Die C)	ASTM D624 600 pli
Abrasion Resistance	
ASTM D4060 1000 cycles	
(CS-17 Wheel, 1000 g load)	0 mg loss
(H-10 Wheel, 1000 g load)	120 mg loss
Pot Life	~5 seconds
Tack Free	~10 seconds

Sprayed with a PMC GH-40 proportioner using a Graco Fusion AP Gun with AR4242 mix module. Results are for specific testing requirements, other conditions and equipment may result in different physical properties.

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