



Chemline PM790D

MDI-PPG Hot Cast System

Description

Chemline PM790D is a two part MDI/PPG system that yields 77-79 Shore D hardness plastic-like materials highlighted by:

- √ Very low viscosity
- √ Easy processing
- √ Adjustable pot life
- √ Very high flexural modulus

Safety

This product is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. Be sure to read SDS in its entirety prior to using **Chemline PM790D**.

Packaging, Storage, & Shelf Life

Chemline PM790D is available in 55-gallon drums and 5-gallon pails. Store in sealed containers between 60°F and 90°F. Shelf life is 12 months under normal conditions.

Properties of Components

Property	Part A	Part B
%NCO	15%	N/A
Equivalent Weight	N/A	83
Parts by Weight	100	28
Viscosity @ R.T.	850 cps	850 cps

Processing Conditions

Property	Part A	Part B
Temperature	160°F (71°C)	77°F (25°C)
Approximate Gel Time		1 hour
Demold Time		1 hour
Post Cure Time		12 hours at 212°F
Color		Light tan

Cured Elastomer Properties

Property	Value
Hardness, Shore D	77-79 D
Tensile Strength	8150 psi (56.2 MPa)
Flex Modulus	230,000 psi (1586 MPa)
Elongation	10%
Bashore Rebound	60%

*Values obtained in laboratory setting for comparison purposes only and should not be considered specifications.

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