

# Adiprene® LFH 120

Polyurethane (Polyether based)

Chemtura

## Message:

ADIPRENE LFH 120 is a Hexamethylene (HDI) isocyanate-terminated polyether prepolymer with extremely low free HDI content. Curing with 1,4-butanediol, yields a high performance, UV stable, 65 Shore D polyurethane elastomer suitable for many high-performance applications.

Features of Adiprene LFH 120 include:

- Low free HDI content
- UV Stability
- Low viscosity
- Long pot life
- Easy melting

General Information			
Features	Good UV Resistance		
	Low Viscosity		
Processing Method	Casting		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	26.7	MPa	
300% Strain	27.9	MPa	
Tensile Strength	46.6	MPa	ASTM D412
Tensile Elongation (Break)	450	%	ASTM D412
Tear Strength (Split)	50	kN/m	ASTM D470
Rebound Resilience - Drop Ball	47	%	
Thermoset	Nominal Value	Unit	
Pot Life	3.4	min	
Uncured Properties	Nominal Value	Unit	
Curing Time (115°C)	16	hr	

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