

Adiprene® LFH 2840

Polyurethane (Polycaprolactone)

Chemtura

Message:

ADIPRENE ® LFH 2840 for Europe is a Hexamethylene (HDI) diisocyanate-terminated polycaprolactone prepolymer with extremely low free HDI content. Features of Adiprene LFH 2840 include:

- Low free HDI content
- Liquid at room temperature
- UV Stability
- Long pot life

General Information			
Features	Good UV Resistance		
	Low Viscosity		
Appearance	Clear/Transparent		
Processing Method	Casting		
Hardness	Nominal Value	Test Method	
Durometer Hardness (Shore D)	55	ASTM D2240	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	12.2	MPa	
300% Strain	16.8	MPa	
Tensile Strength	45.5	MPa	ASTM D412
Tensile Elongation (Break)	390	%	ASTM D412
Tear Strength (Split)	26	kN/m	ASTM D470
Rebound Resilience - Drop Ball	43	%	
Thermoset	Nominal Value	Unit	
Pot Life	2.0	min	
Uncured Properties	Nominal Value	Unit	
Curing Time (115°C)	16	hr	

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