

Adiprene® LFH 3860

Polyurethane (Polycarbonate based)

Chemtura

Message:

Adiprene LFH 3860 is a hexamethylene (HDI) isocyanate-terminated polycarbonate prepolymer with extremely low free HDI content. Curing with MCDEA yields a high performance, 70 Shore D polyurethane elastomer suitable for many high-performance applications.

Features of Adiprene LFH 3860 include:

- Low Free HDI content
- UV Stability
- Low viscosity
- Easy melting

General Information			
Features	Good Toughness		
	Good UV Resistance		
	Hydrolysis Resistant		
	Low Viscosity		
	Oxidation Resistant		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	70		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	38.1	MPa	ASTM D412
Tensile Strength	38.1	MPa	ASTM D412
Tensile Elongation (Break)	100	%	ASTM D412
Tear Strength (Split)	14	kN/m	ASTM D470
Rebound Resilience - Drop Ball	68.0		
Thermoset	Nominal Value	Unit	
Pot Life	2.8	min	
Uncured Properties	Nominal Value	Unit	
Curing Time (115°C)	16	hr	

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