

TyrFil® LD

Polyurethane (MDI)

Pathway Polymers

Message:

TyrFil® is a two-component system consisting of Catalyst blend (side A) and Prepolymer (side B). It is designed to be used for filling tires.

General Information		
Uses	Tire Repair	
Appearance	Brown	
Forms	Liquid	
Hardness		
Durometer Hardness (Shore A)	Nominal Value	
	6 to 10	
Elastomers		
	Nominal Value	Unit
Tensile Strength (Break)	2.03	MPa
Tensile Elongation (Break)	600	%
Tear Strength		
-- ¹	9.98	kN/m
Split	1.4	kN/m
Bayshore Resilience	43	%
Thermoset		
	Nominal Value	Unit
Shelf Life	52	wk
Thermoset Mix Viscosity		
25°C ²	620	cP
25°C ³	700	cP
Gel Time	30.0 to 40.0	min
Cure Time (25°C)	2.0	day
Mixing Ratio		
-- ⁴	100:101.6	
-- ⁵	1:1	
Processing Temperature ⁶	21 to 27	°C
Fill Analysis		
	Nominal Value	Unit
Melt Density		
25°C ⁷	1.08	g/cm ³
25°C ⁸	1.06	g/cm ³
NOTE		
1.	Die C	
2.	Prepolymer (side B)	
3.	Catalyst (side A)	
4.	by weight (±5%)	
5.	by volume (±5%)	

6.	for both Catalyst (side A) & Prepolymer (side B)
7.	Prepolymer (side B)
8.	Catalyst (side A)

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