

TyrFil® XL

Polyurethane (MDI)

Pathway Polymers

Message:

TyrFil® XL 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	Light Brown	
Forms	Liquid	
Hardness	Nominal Value	
Durometer Hardness (Shore A)	18 to 22	
Elastomers	Nominal Value	Unit
Tensile Strength (Break)	1.59	MPa
Tensile Elongation (Break)	570	%
Tear Strength		
-- ¹	8.76	kN/m
Split	1.1	kN/m
Bayshore Resilience	70	%
Thermoset	Nominal Value	Unit
Shelf Life	52	wk
Thermoset Mix Viscosity		
25°C ²	460	cP
25°C ³	300	cP
Gel Time	28.0	min
Cure Time (25°C)	1.0	day
Mixing Ratio		
-- ⁴	100:102.4	
-- 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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