



# Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

<b>Technical Code</b> PR 670	<b>Polymer Base</b> EPDM	<b>Hardness Class</b> 75±3	<b>Color</b> Black
<b>Date</b> 2025.01.12	<b>Customer</b> -	<b>Reference</b> -	<b>Application</b> Sealing in Brake Oil

Curing Conditions		Post Curing
Test sheet thickness 2mm	10 min. at 175°C	Not
Test sheet thickness 6mm	10 min. at 175°C	Not
Test part 29*12.5 mm	10 min. at 175°C	Not

Property	Unit	Test Method	Value	Requirement
Hardness	Shore A	ASTM D2240	75	
Density	gr/cc	ASTM D297	1.189	
Tensile Strength	MPa	ASTM D412	10.21	
Elongation at Break	%	ASTM D412	301	
Tear Resistance	N/m	ASTM D624	41.0	
Rebound Resilience	%	ASTM D7121	53.77	
Compression Set (120°C, 22 hr.)	%	ASTM D395 B	43.81	
100% Modulus	MPa	ASTM D412	3.11	
200% Modulus	MPa	ASTM D412	6.48	
300% Modulus	MPa	ASTM D412	10.17	
(Estimated) Selling Price Range	\$/kg	-		
<b>Heat Aging 166 hr. / 120°C</b>				
△ Hardness	Shore A	ASTM D573	+2	
△ Tensile Strength	%	ASTM D573	+25.67	
△ Elongation at Break	%	ASTM D573	-14.52	
△ Resilience	%	-	+8.02	
△	%	-		
<b>Chemical Resistance 72 hr. / 120°C in DOT4 Brake Oil</b>				
△ Hardness	Shore A	ASTM D471	-4	
△ Tensile Strength	%	ASTM D471	-7.67	
△ Elongation at Break	%	ASTM D471	-12.42	
△ Mass	%	ASTM D471	+2.245	
△ Volume	%	ASTM D471	+2.839	
△ Resilience	%	ASTM D471	+4.41	
△	%	ASTM D471		
<b>Our Sourced Test</b>				
Ozone Resistance	-			
Cold test	-			

Tester:	Approve:
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