



# Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

<b>Technical Code</b> PR 045	<b>Polymer Base</b> EPDM	<b>Hardness Class</b> 67±3	<b>Color</b> Black
<b>Date</b> 2025.01.12	<b>Customer</b> -	<b>Reference</b> -	<b>Application</b> Anti Acid & High Quality

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	67	
Density	gr/cc	ASTM D297	1.100	
Tensile Strength	MPa	ASTM D412	11.65	
Elongation at Break	%	ASTM D412	433	
Tear Resistance	N/m	ASTM D624	41.9	
Rebound Resilience	%	ASTM D7121	42.13	
Compression Set (70°C, 24 hr.)	%	ASTM D395 B	12.76	
100% Modulus	MPa	ASTM D412	3.24	
200% Modulus	MPa	ASTM D412	6.14	
300% Modulus	MPa	ASTM D412	8.77	
(Estimated) Selling Price Range	\$/kg	-		
<b>Heat Aging 7 d / 70°C</b>				
△ Hardness	Shore A	ASTM D573	+3	
△ Tensile Strength	%	ASTM D573	+3.59	
△ Elongation at Break	%	ASTM D573	-3.58	
△ Mass	%	-	-	
△ Volume	%	-	-	
<b>Chemical Resistance 7 d / 23°C in ....</b>				
△ Hardness	Shore A	ASTM D471		
△ Tensile Strength	%	ASTM D471		
△ Elongation at Break	%	ASTM D471		
△ Mass	%	ASTM D471		
△ Volume	%	ASTM D471		
△ Thickness	%	ASTM D471		
△ Dimension	%	ASTM D471		
<b>Our Sourced Test</b>				
Ozone Resistance	-			
Cold test	-			

Tester:	Approve:
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