



Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

Technical Code PR 360	Polymer Base NBR	Hardness Class 74±3	Color Black
Date 2026.01.05	Customer -	Reference -	Application Sealing in Hydrocarbon Media

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	74	
Density	gr/cc	ASTM D297	1.439	
Tensile Strength	MPa	ASTM D412	5.83	
Elongation at Break	%	ASTM D412	262	
Tear Resistance	N/m	ASTM D624	20.1	
Rebound Resilience	%	ASTM D7121	33.99	
Abrasion Resistance Index	1/cm ³ %	ASTM D5963	-	
100% Modulus	MPa	ASTM D412	2.49	
200% Modulus	MPa	ASTM D412	4.44	
300% Modulus	MPa	ASTM D412	-	
(Estimated) Selling Price Range	\$/kg	-		
Heat Aging 7 d / 70°C				
Δ Hardness	Shore A	ASTM D573		
Δ Tensile Strength	%	ASTM D573		
Δ Elongation at Break	%	ASTM D573		
Δ Mass	%	-		
Δ Volume	%	-		
Chemical Resistance 72 hr. / 24°C in n-pentane				
Δ Hardness	Shore A	ASTM D471		
Δ Tensile Strength	%	ASTM D471		
Δ Elongation at Break	%	ASTM D471		
Δ Mass	%	ASTM D471	-1.52	
Δ Volume	%	ASTM D471	+4.132	
Δ Thickness	%	ASTM D471		
Δ Dimension	%	ASTM D471		
Our Sourced Test				
Ozone Resistance	-			
Cold test	-			

Tester:	Approve:
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