



Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

Technical Code PR 642-2	Polymer Base NBR 25% ACN	Hardness Class 58 ± 3	Color Black
Date 2025.12.03	Customer -	Reference -	Application Sealing in Oil 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	58	
Density	gr/cc	ASTM D297	1.308	
Tensile Strength	MPa	ASTM D412	7.13	
Elongation at Break	%	ASTM D412	366	
Tear Resistance	K N/m	ASTM D624	21.9	
Rebound Resilience	%	ASTM D7121	33.42	
Abrasion Resistance, ARI	1/cm ³ %	ASTM D5963	-	
Compression Set 24 hr. / 70°C	%	ASTM D395	-	
100% Modulus	MPa	ASTM D412	1.89	
200% Modulus	MPa	ASTM D412	4.09	
300% Modulus	MPa	ASTM D412	6.06	
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 7 d / 23°C in				
Δ Hardness	Shore A	ASTM D471		
Δ Tensile Strength	%	ASTM D471		
Δ Elongation at Break	%	ASTM D471		
Δ Mass	%	ASTM D471		
Δ Volume	%	ASTM D471		
Δ Thickness	%	ASTM D471		
Δ Dimension	%	ASTM D471		
Our Sourced Test				
Ozone Resistance	-			
Cold test	-			

Tester:	Approve:
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