



Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

Technical Code PR 525	Polymer Base NBR 25% ACN	Hardness Class 43±3	Color Black
Date 2025.01.12	Customer -	Reference -	Application Sealing in Hydraulic 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	43	
Density	gr/cc	ASTM D297	1.265	
Tensile Strength	MPa	ASTM D412	4.62	
Elongation at Break	%	ASTM D412	388	
Tear Resistance	N/m	ASTM D624	14.6	
Rebound Resilience	%	ASTM D7121	38.00	
Abrasion Resistance Index	1/cm ³ %	ASTM D5963	-	
100% Modulus	MPa	ASTM D412	1.02	
200% Modulus	MPa	ASTM D412	2.14	
300% Modulus	MPa	ASTM D412	3.47	
(Estimated) Selling Price Range	\$/kg	-		
Heat Aging 7 d / 70°C				
△ Hardness	Shore A	ASTM D573		
△ Tensile Strength	%	ASTM D573		
△ Elongation at Break	%	ASTM D573		
△ Mass	%	-		
△ Volume	%	-		
Chemical Resistance 7 d / 23°C in				
△ 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		
Our Sourced Test				
Ozone Resistance	-			
Cold test	-			

Tester:	Approve:
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