



Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

Technical Code PR 530	Polymer Base NBR+PVC	Hardness Class 68±3	Color Black
Date 2025.01.12	Customer -	Reference -	Application Anti Hydrocarbons and Ozone, Peroxide Curing

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	68	
Density	gr/cc	ASTM D297	1.214	
Tensile Strength	MPa	ASTM D412	8.15	
Elongation at Break	%	ASTM D412	386	
Tear Resistance	N/m	ASTM D624	28.0	
Rebound Resilience	%	ASTM D7121	49.78	
Compression Set (150°C, 72 hr.)	%	ASTM D395 B	54.00	
100% Modulus	MPa	ASTM D412	2.50	
200% Modulus	MPa	ASTM D412	4.31	
300% Modulus	MPa	ASTM D412	6.28	
(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 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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