



Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

Technical Code PR 840	Polymer Base NBR 34% ACN	Hardness Class 57±3	Color Black
Date 2025.01.12	Customer -	Reference -	Application Sealing in Engine 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	57	
Density	gr/cc	ASTM D297	1.335	
Tensile Strength	MPa	ASTM D412	5.91	
Elongation at Break	%	ASTM D412	213	
Tear Resistance	N/m	ASTM D624	20.8	
Rebound Resilience	%	ASTM D7121	29.73	
Abrasion Resistance Index	1/cm ³ %	ASTM D5963	-	
100% Modulus	MPa	ASTM D412	2.36	
200% Modulus	MPa	ASTM D412	5.67	
300% Modulus	MPa	ASTM D412	-	
(Estimated) Selling Price Range	\$/kg	-	2.00	
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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