



Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

Technical Code PR 813	Polymer Base NBR 18% ACN	Hardness Class 70±3	Color Black
Date 2026.03.12	Customer تولیدکنندگان قطعات ضد روغن	Reference -	Application ضد روغن موتور با مقاومت اوزونی فوق العاده - قیمت مناسب

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	70	
Density	gr/cc	ASTM D297	1.322	
Tensile Strength	MPa	ASTM D412	5.75	
Elongation at Break	%	ASTM D412	183	
Tear Resistance	N/m	ASTM D624	16.9	
Rebound Resilience	%	ASTM D7121	23.68	
Abrasion Resistance Index	1/cm ³ %	ASTM D5963	-	
100% Modulus	MPa	ASTM D412	3.34	
200% Modulus	MPa	ASTM D412	-	
300% Modulus	MPa	ASTM D412	-	
(Estimated) Selling Price Range	\$/kg	-	≈ 2	
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	-8.723	
Δ Volume	%	ASTM D471	-4.812	
Δ Mass (after Drying 90°C & 4 hr.)	%	ASTM D471	-18.111	
Δ Vol. (after Drying 90°C & 4 hr.)	%	ASTM D471	-23.759	
Our Sourced Test				
Ozone Resistance	-			
Cold test	-			

Tester: _____ Approve: _____