



Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

Technical Code PR 842	Polymer Base NBR 34% ACN	Hardness Class 77±3	Color Black
Date 2026.03.12	Customer تولیدکنندگان قطعات ضد روغن موتور و ضد گاز با تست پلن خاص	Reference -	Application برای قطعات درزبند در محیط روغن موتور و گاز طبیعی - 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	77	
Density	gr/cc	ASTM D297	1.368	
Tensile Strength	MPa	ASTM D412	6.87	
Elongation at Break	%	ASTM D412	168	
Tear Resistance	N/m	ASTM D624	23.4	
Rebound Resilience	%	ASTM D7121	16.27	
Abrasion Resistance Index	1/cm ³ %	ASTM D5963	-	
100% Modulus	MPa	ASTM D412	4.01	
200% Modulus	MPa	ASTM D412	-	
300% Modulus	MPa	ASTM D412	-	
(Estimated) Selling Price Range	\$/kg	-	≈ 2.3	
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: