



Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

Technical Code PR 821	Polymer Base SBR+PBR	Hardness Class 59±3	Color Black
Date 2025.01.05	Customer -	Reference -	Application Rubber Sole with very Suitable Price

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	59	
Density	gr/cc	ASTM D297	1.180	
Tensile Strength	MPa	ASTM D412	8.30	
Elongation at Break	%	ASTM D412	363	
Tear Resistance	N/m	ASTM D624	35.5	
Rebound Resilience	%	ASTM D7121	36.57	
Abrasion Resistance Index	1/cm ³ %	ASTM D5963	296	
100% Modulus	MPa	ASTM D412	1.62	
200% Modulus	MPa	ASTM D412	3.85	
300% Modulus	MPa	ASTM D412	6.76	
(Estimated) Selling Price Range	\$/kg	-	1.40	
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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