



Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

Technical Code PR 113	Polymer Base SMR+SBR	Hardness Class 52±3	color Black
Date 2026.01.05	Customer -	Reference -	Application Rubber Automotive Suspension Parts

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	52	
Density	gr/cc	ASTM D297	1.159	
Tensile Strength	MPa	ASTM D412	15.18	
Elongation at Break	%	ASTM D412	464	
Tear Resistance	N/m	ASTM D624	43.4	
Rebound Resilience	%	ASTM D7121	50.27	
Abrasion Resistance	%	ASTM D5963	-	
100% Modulus	MPa	ASTM D412	2.04	
200% Modulus	MPa	ASTM D412	5.10	
300% Modulus	MPa	ASTM D412	8.87	
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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