



Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

Technical Code PR 510	Polymer Base SBR	Hardness Class 70±3	Color Black
Date 2025.01.12	Customer -	Reference -	Application High Quality SBR

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	1.171	
Tensile Strength	MPa	ASTM D412	15.57	
Elongation at Break	%	ASTM D412	284	
Tear Resistance	N/m	ASTM D624	43.8	
Rebound Resilience	%	ASTM D7121	41.38	
Compression Set (70°C, 24 hr.)	%	ASTM D395 B	5.23	
100% Modulus	MPa	ASTM D412	5.33	
200% Modulus	MPa	ASTM D412	11.55	
300% Modulus	MPa	ASTM D412	-	
(Estimated) Selling Price Range	\$/kg	-		
Heat Aging 7 d / 70°C				
Δ Hardness	Shore A	ASTM D573	+2	
Δ Tensile Strength	%	ASTM D573	-4.36	
Δ Elongation at Break	%	ASTM D573	-2.72	
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:
---------	----------