



Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

Technical Code PR 635	Polymer Base NBR+PVC	Hardness Class 75±3	Color Not Black
Date 2025.01.12	Customer -	Reference -	Application Anti Hydrocarbons and Ozone

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	75	
Density	gr/cc	ASTM D297	1.345	
Tensile Strength	MPa	ASTM D412	7.95	
Elongation at Break	%	ASTM D412	371	
Tear Resistance	N/m	ASTM D624	28.7	
Rebound Resilience	%	ASTM D7121	20.42	
Compression Set (120°C, 70 hr.)	1/cm ³ %	ASTM D5963	59.59	
100% Modulus	MPa	ASTM D412	3.58	
200% Modulus	MPa	ASTM D412	5.32	
300% Modulus	MPa	ASTM D412	6.96	
(Estimated) Selling Price Range	\$/kg	-		
Heat Aging 70 hr./ 120°C				
△ Hardness	Shore A	ASTM D573	+7	
△ Tensile Strength	%	ASTM D573	+6.96	
△ Elongation at Break	%	ASTM D573	-70.20	
△ Tear Resistance	%	-	+3.48	
△ Resilience	%	-	-4.90	
Chemical Resistance 70 hr./ 120°C in Engine Oil				
△ Hardness	Shore A	ASTM D471	0	
△ Tensile Strength	%	ASTM D471	-4.61	
△ Elongation at Break	%	ASTM D471	-42.46	
△ Mass	%	ASTM D471	+5.05	
△ Volume	%	ASTM D471	+13.67	
△ Resilience	%	ASTM D471	+11.51	
△ Tear Resistance	%	ASTM D471	-	
Our Sourced Test				
Ozone Resistance	-			
Cold test	-			

Tester:	Approve:
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