



Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

Technical Code PR 050	Polymer Base EPDM	Hardness Class 73±3	Color Black
Date 2025.01.12	Customer -	Reference -	Application Anti Acid & High Quality

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	73	
Density	gr/cc	ASTM D297	1.178	
Tensile Strength	MPa	ASTM D412	10.14	
Elongation at Break	%	ASTM D412	313	
Tear Resistance	N/m	ASTM D624	32.6	
Rebound Resilience	%	ASTM D7121	39.90	
Compression Set (70°C, 24 hr.)	%	ASTM D395 B	12.14	
100% Modulus	MPa	ASTM D412	3.69	
200% Modulus	MPa	ASTM D412	7.02	
300% Modulus	MPa	ASTM D412	9.90	
(Estimated) Selling Price Range	\$/kg	-		
Heat Aging 7 d / 70°C				
△ Hardness	Shore A	ASTM D573	+1	
△ Tensile Strength	%	ASTM D573	+3.08	
△ Elongation at Break	%	ASTM D573	-9.12	
△ Mass	%	-	-	
△ Volume	%	-	-	
Chemical Resistance 7 d / 23°C in				
△ Hardness	Shore A	ASTM D471		
△ Tensile Strength	%	ASTM D471		
△ Elongation at Break	%	ASTM D471		
△ Mass	%	ASTM D471		
△ Volume	%	ASTM D471		
△ Thickness	%	ASTM D471		
△ Dimension	%	ASTM D471		
Our Sourced Test				
Ozone Resistance	-			
Cold test	-			

Tester:	Approve:
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