



Parnian Compounder Men Technical Datasheet

Rev.:2024/09/26

Technical Code PR 676	Polymer Base EPDM	Hardness Class 74±3	Color Black
Date 2025.01.12	Customer -	Reference -	Application Sealing in Water and Swage

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	74	
Density	gr/cc	ASTM D297	1.150	
Tensile Strength	MPa	ASTM D412	11.31	
Elongation at Break	%	ASTM D412	346	
Tear Resistance	N/m	ASTM D624	37.2	
Rebound Resilience	%	ASTM D7121	38.64	
Compression Set (70°C, 24 hr.)	1/cm ³ %	ASTM D5963	13.79	
100% Modulus	MPa	ASTM D412	3.82	
200% Modulus	MPa	ASTM D412	7.47	
300% Modulus	MPa	ASTM D412	10.27	
(Estimated) Selling Price Range	\$/kg	-		
Heat Aging 7 d / 70°C				
△ Hardness	Shore A	ASTM D573		
△ Tensile Strength	%	ASTM D573		
△ Elongation at Break	%	ASTM D573		
△ 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:
---------	----------