

ReportNo:246

Test requisition No & Date	027/OFMK/S131 Dt 17.06.2023	Item Description & Qty	Sealing pad V548 slabs:05 Test Buttons:100
Specification	BS 2082 A20	Grade	A8
Test Method	Rubber Testing	Date of Receipt	18.02.2025
Sample No	326		

Sl. No.	Parameters Checked				
01	Hardness (Shore - A)		440		
02	Ultimate Tensile Strength (Kgf/cm ²)		632		
03	Percentage Elongation at Break (Eb)		103		
04	Relative Residual Elongation %				
05	Resistance to accelerated ageing 100°C +1 for 24Hrs Change in		UTS	%EB	
			16.7	98.2	
06	Relative Residual Deformation after 50% compression in normal condition in Max		36		
07	Rigidity during Compression by	(ii) 50% (kg/cm ²)	202		
		(ii) 25% (kg/cm ²)	324		
08	Ash Content		415		
09	Polymer Content		987		
10	Apparent Density (gm/cc)		2.63		
11	% Compression set at 70°C for 24Hrs		32.4		
12	Ozone Resistance at 50pphm, 20% stretch, 40°C, 48Hrs		71		
13	Aging Co-efficient @ 70°C for 144Hrs		147		

