

ReportNo:102

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	A1
Test Method	ISRO 300	Date of Receipt	19.08.2023
Sample No	111		

Sl. No.	Parameters Checked			
01	Hardness (Shore - A)	33.26		
02	Ultimate Tensile Strength (Kgf/cm ²)	214		
03	Percentage Elongation at Break (Eb)	504		
04	Relative Residual Elongation %			
05	Resistance to accelerated ageing 100°C +1 for 24Hrs Change in	UTS	%EB	
		6.87	96.72	
06	Relative Residual Deformation after 50% compression in normal condition in Max	106		
07	Rigidity during Compression by (i) 50% (kg/cm ²) (ii) 25% (kg/cm ²)	26		
		39		
08	Ash Content	61.9		
09	Polymer Content	70		
10	Apparent Density (gm/cc)	26.2		
11	% Compression set at 70°C for 24Hrs	1.63		
12	Ozone Resistance at 50pphm, 20% stretch, 40°C, 48Hrs	2.98		
13	Aging Co-efficient @ 70°C for 144Hrs	10.69		