




SHENZHOU CITY YAAO PUMP INDUSTRY CO.,LTD.

Physical and mechanical property test report

Sample	Samples' Lot		No.03			Laboratory No.			No.01		
	Sample Name		R55			Samples' Date			2020-09-26		
	Sample number		No.200926			Test Date			2020-09-26		
Test Results	Plasticity		Vulcanization temperature of Samples 150°C			Laboratory temperature 23(°C)			relative humidity50 (%RH)		
	Samples' Vulcanization Time (Minute)		30								
	Hardness (Shore)		54.5								
	Tensile Strength (Mpa)		25.4								
	Elongation at break (%)		653.0								
	tensile strength (%)		9.0								
	akron abrasion (cm ³ /1.61km)		0.20								
	Volume change rate of acid and alkali resistance (%)		20%H ₂ SO ₄ × Normal temperature × 168h								
			10%NaOH × Normal temperature × 168h								
	Oil resistant volume change rate (%)		Standard oil No.1 × Normal temperature × 24h								
Standard oil No.3 × Normal temperature × 24h											
Appraisal opinion	 Qualified										

Tester: ShaSha Meng