

Original					
Test Method	Specifications	Unit	Result		Acceptable Range
			Pass	Fail	
Dynamic Shear Rheometer (D.S.R) ASTM D7175	Temperature	°c	64		
	Phase angle (δ)	°	86.4		
	G*	Kpa	1.15		
	$ G^* /\sin\delta$	Kpa	1.16		Min 1.0
Rotational Viscometer (R.V) ASTM D4402	at 135°c	Pa.s	0.32		Max 3
Penetration ASTM D5	at 25°c	0.1mm	68		
Rolling Thin Film Oven (R.T.F.O) ASTM D2872					
Dynamic Shear Rheometer (D.S.R) ASTM D7175	Temperature	°c	64		
	phase angle (δ)	°	87.1		
	G*	Kpa	2.18		
	$ G^* /\sin\delta$	Kpa	2.21		Min 2.2
Pressure Aging Vessel (P.A.V) ASTM D6521					
Dynamic Shear Rheometer (D.S.R) ASTM D7175	Temperature	°c	25		
	phase angle (δ)	°	54		
	G*	Kpa	5460		
	$ G^* \times \sin\delta$	Kpa	4420		Max 5000
Bending Beam Rheometer (B.B.R) ASTM D6648	(Temperature)	°c	-16		
	m-Value		0.36		Min 0.3
	Stiffness	M.pa	83.3		Max 300