

Original					
Test Method	Specifications	Unit	Result		Acceptable Range
			Pass	Fail	
Dynamic Shear Rheometer (D.S.R) ASTM D7175	Temperature	°c	70		
	Phase angle (δ)	°	85.3		
	G*	Kpa	1.08		
	G* /sinδ	Kpa	1.08		Min 1.0
Rotational Viscometer (R.V) ASTM D4402	at 135°c	Pa.s	0.5		Max 3
Penetration ASTM D5	at 25°c	0.1mm	42		
Rolling Thin Film Oven (R.T.F.O) ASTM D2872					
Dynamic Shear Rheometer (D.S.R) ASTM D7175	Temperature	°c	70		
	phase angle (δ)	°	82.4		
	G*	Kpa	2.31		
	G* /sinδ	Kpa	2.3		Min 2.2
Pressure Aging Vessel (P.A.V) ASTM D6521					
Dynamic Shear Rheometer (D.S.R) ASTM D7175	Temperature	°c	31		
	phase angle (δ)	°	54.4		
	G*	Kpa	4700		
	G* × sinδ	Kpa	4000		Max 5000
Bending Beam Rheometer (B.B.R) ASTM D6648	(Temperature)	°c	-16		
	m-Value		0.31		Min 0.3
	Stiffness	M.pa	72		Max 300