



# TAAM OIL AND GAS TRADING BITUMEN PG 58-22

PRODUCT SPECIFICATION :				BITUMEN	PG 58-22	
DATE :	1/24/2024		Laboratory Environment Condition			
BACH NO :			TEMPERATURE :	25	©	
SAMPLE No :	1065		HUMIDITY :	38	%	
PROPERTY	SPEC.	UNIT	ACCEPTANCE		TEST METHOD	TEST RESULT
			MIN	MAX		
Dynamic Shear Rheometer ( D.S.R )	Temperature	°C	-	-	ASTM D-7175	58
	Phase angle	o	-	-	ASTM D-7175	89.3
	G*	Kpa	-	-	ASTM D-7175	1.58
	$ G^* /\sin(\delta)$	Kpa	1	-	ASTM D-7175	1.58
Rotational Viscometer	at 135°C	Pa.s	-	3	ASTM D-4402	0.287
Penetration	at 25°C	0.1mm	-	-	ASTM D-5	84
Rolling Thin Film Oven ( R.T.F.O ) ASTM D-2872						
Dynamic Shear Rheometer ( D.S.R )	Temperature	°C	-	-	ASTM D-7175	58
	Phase angle	o	-	-	ASTM D-7175	87.9
	G*	Kpa	-	-	ASTM D-7175	3.2
	$ G^* /\sin(\delta)$	Kpa	2.2	-	ASTM D-7175	3.2
Pressure Aging Vessel ( P.A.V ) ASTM D-6526						
Dynamic Shear Rheometer ( D.S.R )	Temperature	°C	-	-	ASTM D-7175	25
	Phase angle ( $\delta$ )	o	-	-	ASTM D-7175	52.1
	G*	Kpa	-	-	ASTM D-7175	4030
	$ G^* *\sin(\delta)$	Kpa	-	5000	ASTM D-7175	3180
Bending Beam Rheometer ( B.B.R )	Temperature	°C	-	-	ASTM D-6648	-22
	m-Value	-	0.3	-	ASTM D-6648	0.31
	Stiffness	M.pa	-	300	ASTM D-6648	141
<b>NOTE : The PG result of this specification can also cover performance grade of PG 58-16 and 58-10</b>						
<b>PACKAGING METHOD :</b>						
1-1000 KG. Jumbo bag or poly bag , double layer bag with an outer layer of polypropylene and an inner layer of nylon.						
2- 300 KG. Jumbo bag or poly bag , double layer bag with an outer layer of polypropylene and an inner layer of nylon.						
3- bulk carriage is available .						
4- Barrel carriage is available.						
<b>RECOMMENDED APPLICATION TEMPERATURE :</b>						
1-Asphalt Mixing Temperature : 150-160 °C						
2-Asphalt Compaction temperature : 135-145 °C						