



TAAM OIL AND GAS TRADING BITUMEN PG 70-16

PRODUCT SPECIFICATION :					BITUMEN	PG 70-16
DATE :	1/24/2024		Laboratory Enviroment Condition			
BACH NO :			TEMPRATURE :	25	@	
SAMPLE No :	1056		HUMIDITY :	38	%	
PROPERTY	SPEC.	UNIT	ACCEPTANCE		TEST METHOD	TEST RESULT
			MIN	MAX		
Dynamic Shear Rheometer (D.S.R)	Temprature	°C	-	-	ASTM D-7175	70
	Phase angle	o	-	-	ASTM D-7175	88.2
	G*	Kpa	-	-	ASTM D-7175	1.043
	G* /sin (δ)	Kpa	1	-	ASTM D-7175	1.044
Rotational Viscometer	at 135°C	Pa.s	-	3	ASTM D-4402	0.512
Penetration	at 25°C	0.1mm	-	-	ASTM D-5	38
Rolling Thin Film Oven (R.T.F.O) ASTM D-2872						
Dynamic Shear Rheometer (D.S.R)	Temprature		-	-	ASTM D-7175	70
	Phase angle		-	-	ASTM D-7175	89.6
	G*	Kpa	-	-	ASTM D-7175	2.22
	G* /sin (δ)	Kpa	2.2	-	ASTM D-7175	2.223
Pressure Aging Vessel (P.A.V) ASTM D-6526						
Dynamic Shear Rheometer (D.S.R)	Temprature	°C	-	-	ASTM D-7175	25
	Phase angle (δ)	o	-	-	ASTM D-7175	53.2
	G*	Kpa	-	-	ASTM D-7175	5715
	G* *sin (δ)	Kpa	-	5000	ASTM D-7175	4594
Bending Beam Rheometer (B.B.R)	Temprature	°C	-	-	ASTM D-6648	-16
	m-Value	-	0.3	-	ASTM D-6648	0.321
	Stiffness	M.pa	-	300	ASTM D-6648	147
NOTE : The PG result of this specification can also cover prformance grade of PG 70-10						
PACKAGING METHOD :						
1-1000 KG. Jumbo bag or poly bag , double layer bag with an outer layer of polypropylene and an inner layer of naylon.						
2- 300 KG. Jumbo bag or poly bag , double layer bag with an outer layer of polypropylene and an inner layer of naylon.						
3- bulk carriage is available .						
4- Barrel carriage is available.						
RECOMMENDED APLICATION TEMPRATURE :						
1-Asphalt Mixing Temprature : 150-160 °C						
2-Asphalt Compaction temprature : 135-145 °C						