



PETROPALAYESH KHORSHID ZAGROS CO.
BITUMEN 60-80

PRODUCT SPECIFICATION :				BITUMEN	60-80
DATE :	10/3/2021		Laboratory Enviroment Condition		
BACH NO :			TEMPRATURE :	25	°C
SAMPLE No :	1060		HUMIDITY :	38	%
PROPERTY	UNIT	ACCEPTANCE		TEST METHOD	TEST RESULT
		MIN	MAX		
Penetration at 25°C-100g-5S	0.1mm	60	80	T0604	78
Penetration Index PI	-	-1.5	1	T0604	-0.2
Softening Point (°C)	°C	45	-	T0606	48.7
60°C dynamic viscosity not less than	pas	160	-	T0620	203
10°C ductility not less than	cm	20	-	T0605	23
15°C ductility not less than	cm	100	-	-	>100
Wax Content destination method not more than	%	-	2.2	T0615	2.1
Flash Point (°C)	°C	260	-	T0611	324
Solubility in TCE	WT%	99.5	-	T0607	99.93
Density 15°C	g/cm3	-	-	T0603	1027
AFTER TFOT					
Mass change not gerater than	%	-	-	-	0.07
Residual pentration ratio 25 °C shall not be less than	%	61	-	T0604	73
Residual ductility 10°C not less than	cm	6	-	T0605	7
Residual ductility 15°C not less than	cm	15	-	-	36
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 .					
STORAGE AND HANDLING RECOMMENDATION :					
1-store in unopened containers. 2- Storage temperature limit 1°C - 50°C for normal operations, such as blending and transferring liquid bitumen temperature 10°C - 40°C above the minimum pumping temperature are recommended					
RECOMMENDED APLICATION TEMPRATURE :					
1-Asphalt Mixing Temprature : 150-160 °C 2-Asphalt Compaction temprature : 135-145 °C					