

<b>Client:</b> PT. Sukses Industri	<b>Customer Reference:</b> NA
<b>Sample ID:</b> 2022-PHIL-000960-001	<b>Date Taken:</b> 13-May-2022
<b>Sample Designated As:</b> COSMIC PMA-PG76	<b>Date Submitted:</b> 16-May-2022
<b>Drawn By:</b> Client	<b>Date Tested:</b> 19-May-2022
<b>Sample Location:</b> BENGKONG BATAM, INDONESIA	
<b>Representing:</b> Sample 002/PTSI/IV/2022   Batch # 003/PTSI/IV/2022	

Method	Test	Result	Units	Spec Limit
FM 5-519-00	Smoke Point	254	°C	
AASHTO T48	Corrected Flash Point (Conv. Calc)	338	°C	Min 230
AASHTO T228	Sp Gr @ 77/77 deg F	1.033		
	Sp Gr @ 60/60 deg F	1.039		
AASHTO T316	API Gravity	4.7	°API	
	LBS./GAL.	8.653		
	Viscosity @ 135 deg C	2095	cP	Max 3000
AASHTO T315 OB	Viscosity @ 165 deg C	435	cP	
	Mixing Temperature min/max, deg C	185-192		
	Compaction Temperature min/max, deg C	173-178		
	Test Temperature	76.0	°C	
AASHTO T315 RTFO	Complex Modulus (G*)	1.78	kPa	
	Phase Angle (DELTA)	68.7	deg	
	G*/Sin Delta	1.91	kPa	Min 1.00
	Test Temperature	76.0	°C	
AASHTO T240	Complex Modulus (G*)	2.80	kPa	
	Phase Angle (DELTA)	66.5	deg	
	G*/Sin Delta	3.05	kPa	Min 2.20
	Mass Gain + (or) Loss -	-0.053	Wt %	-1.000 - 1.000
AASHTO R28	PAV Aging for 20hrs @ 2.1 MPa	100 °C		
AASHTO T315 PAV	Test Temperature	31.0	°C	
	Complex Modulus (G*)	2370	kPa	
	Phase Angle (DELTA)	52.9	deg	
	G* Sin Delta	1892	kPa	Max 5000
AASHTO T313	Testing Temperature	-12.0	°C	
	Creep Stiffness @ S60	200	MPa	Max 300
	m-value @ S60	0.319		Min 0.300
CLASSIFICATION	<b>PG CLASSIFICATION</b>	<b>PG 76</b>		

*Sarah Bonya*

Signed: \_\_\_\_\_

Sarah Bonya, Laboratory Supervisor

Date: \_\_\_\_\_

19-May-2022

