



MOUNTAIN STATES ASPHALT INC.


205 s Emerald Rd
Tooele, UT 84074

SUPERPAVE™ Binder Grade:	PG 64-28NV	Date Recieved:	7/14/2024	By:	JH
Sample ID:	July				
Sample Condition (ie Good/Open):	Good	Date Tested:	7/14/2024	By:	JH

Test	Temp	Method	Specification	Result
ORIGINAL BINDER				
Viscosity, Pa*s	135°C	T 316	3.0 max	0.693
Dynamic Shear	G*/sinδ, 10 rad./sec., kPa	64°C	T 315	1.00 min 1.27
Additional Requirements				
Sieve Particulate Retained	-	NDOT T730	0	0
Ductility (5 cm/min.), cm	4°C	NDOT T746	50 min	65+
Toughness & Tenacity	Toughness	25°C	NDOT T745	110 min 140.6
	Tenacity	25°C		75 min 98.4
RTFOT RESIDUE				
Mass Change, % (Mass Loss is reported as Negative)		NDOT T728	1.0 max	-0.446%
Dynamic Shear	G*/sinδ, 10 rad./sec., kPa	64°C	T 315	2.2 min 2.73
Additional Requirements				
Ductility (5 cm/min.), cm	4°C	NDOT T 746	25 min	42
PRESSURE AGING RESIDUE (100°C, 300 psi, 20 hr.)				
Dynamic Shear	G*(sinδ), 10 rad./sec., kPa	22°C	T 315	5,000 max 1314
Creep Stiffness	Stiffness, MPa (60 sec.)	-18°C	T 313	300 max 102
	m Value			0.300 min 0.395

Notes: This sample complied with the requirments of NDOT Section 703 - Bituminous Materials, PG 64-28

Tested By:



 Jameson Hulse, Binder Tech

Reviewed By:



 Gene Chrisenbery, Vice President