



205 s Emerald Rd
Tooele, UT 84074

SUPERPAVE™ Binder Grade:	PG 64-28NV	Date Recieved:	9/25/2026	By:	JH
Sample ID:	TK12				
Sample Condition (ie Good/Open):	Good	Date Tested:	9/2/2026	By:	JH

Test		Temp	Method	Specification	Result
ORIGINAL BINDER					
Viscosity, Pa*s		135°C	T 316	3.0 max	0.753
Dynamic Shear	G*/sinδ, 10 rad./sec., kPa	64°C	T 315	1.00 min	1.43
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	115
	Tenacity	25°C		75 min	103
RTFOT RESIDUE					
Mass Change, % (Mass Loss is reported as Negative)			NDOT T728	1.0 max	-0.458%
Dynamic Shear	G*/sinδ, 10 rad./sec., kPa	64°C	T 315	2.2 min	2.93
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	16	T 315	5,000 max	2800
Creep Stiffness	Stiffness, MPa (60 sec.)	-24°C	T 313	300 max	108
	m Value			0.300 min	0.397

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

Tested By:

Jameson Hulse, Binder Tech, Mountain States Aspahl

Reviewed By:

Ryan Proctor, Specification Compliance Agent, Suncor Energy