



205 s Emerald Rd
Tooele, UT 84074

SUPERPAVE™ Binder Grade: PG 70-28 UT		Sample Date	4/9/2025		
Sample ID: Batch 6					
Sample Condition (ie Good/Open): Good		Test Date	4/9/2025		
Test		Temp	Method	Specification	Result
ORIGINAL BINDER					
AASHTO M 320 Requirements					
Viscosity, Pa*s		135°C	T 316	3.0 max	2.25
Dynamic Shear	G*, 10 rad./sec., kPa	70°C	T 315	1.3 min	2.0433
	Phase Angle, δ (°)			71 max	69.9°
Additional Requirements					
RTFOT RESIDUE					
AASHTO M 320 Requirements					
Mass Change, % (Mass Loss is reported as Negative)			T 240	1.0 max	-0.285%
Dynamic Shear	G*/sinδ, 10 rad./sec., kPa	70°C	T 315	2.2 min	4.31
Additional Requirements					
Elastic Recovery, %		25°C	T 301	85 min	89%
PRESSURE AGING RESIDUE (100°C, 300 psi, 20 hr.)					
AASHTO M 320 Requirements					
Dynamic Shear	G*(sinδ), 10 rad./sec., kPa	25°C	T 315	5,000 max	1457
Creep Stiffness	Stiffness, MPa (60 sec.)	-18°C	T 313	150-300	200
	m Value			0.300 min	0.333
Creep Stiffness -6°C	Stiffness, MPa (60 sec.)	-24°C	T 313	Report	387
	m Value			Report	0.267
Delta Tc			-	-1 min	-0.685

*Result from subcontractor

Notes: This sample complied with the requirements of UDOT Section 02745 - Asphalt Materials, PG 70-28

Tested By:


Jameson Hulse, Binder Tech

Reviewed By:


Gene Christenbery, Vice President