

SPECIFICATIONS FOR ASPHALT CEMENT, GRADE PG 76-22NV

TEST	TEST METHOD	REQUIREMENT
Tests on Original Binder:		
Flash point, °C	AASHTO T48	230 Min.
Viscosity @ 135°C, Pa·s	AASHTO T316	3.00 Max.
Dynamic Shear, $G^*/\sin \delta$, Test Temp 76°C @ 10 rad/s, kPa	AASHTO T315	1.30 Min.
Ductility @ 4°C, 5 cm/min, cm	Nev. T746	20 Min.
Sieve, Particulates Retained	Nev. T730	0
Polymer Content, % by mass	Certificate	3.0 Min.
Tests on Residue from R.T.F.O., Nev. T728:		
Mass Loss, %	Nev. T728	1.00 Max.
Creep Recovery, $R_{3,2}$, Test Temp 76 °C @ 3.2 kPa, %	AASHTO TP70	30.0 Min.
Non-Recoverable Creep Compliance, $J_{nr3,2}$, Test Temp 76 °C @ 3.2 kPa, kPa^{-1}	AASHTO TP70	2.0 Max.
Non-Recoverable Creep Compliance Difference, $J_{nr diff}$, %	AASHTO TP70	Report
Tests on Residue from Pressure Aging Vessel, AASHTO R28 @ 110°C:		
Dynamic Shear, $G^*\sin \delta$, Test Temp 31°C @ 10 rad/s, kPa	AASHTO T315	5000 Max.
Creep Stiffness, S, Test Temp -12°C @ 60 sec, MPa	AASHTO T313	300 Max.
Creep Stiffness, m-value, Test Temp -12°C @ 60 sec	AASHTO T313	0.300 Min.