



MORGAN MATERIALS

INCORPORATED

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83100

Petroleum Hydrocarbon Resin

CAS #68478-07-09

Aliphatic Resin With Improved High Temperature Cohesive Properties

SPECIFIED
PROPERTIES

		TEST METHOD
Softening Point, R&B, °C	100	ASTM E-28
Gardner Color	8 max.	ASTM D-1544
Appearance	Clear, Amber	Visual

TYPICAL
PROPERTIES

Gardner Color		ASTM D-1544
Initial	6	
Aged For 16 Hours @ 300°F	13	
Molten Gardner Color	8	ASTM D-1544
Cloud Point, °C, 20/40/40 ⁽¹⁾	155	AMS 360.22
Cloud Point, °C, 25/25/50 ⁽²⁾	115	
Melt Viscosity, cps		ASTM D-3236
300°F	22,000	
350°F	1,800	
400°F	315	
Molecular Weight		GPC ⁽³⁾
\bar{M}_w	2150	
\bar{M}_n	1000	
\bar{M}_w/\bar{M}_n	2.2	
Tg, °C	55	DSC ⁽⁴⁾
Volatility, wt. %	0.7	

contains an oxidation inhibitor for protection during storage.