

MIDSUN HVIC™ SPECIFICATION SHEET

ITEM	REQUIRED	OFFERED	REMARKS
1	Flash point temperature(°C)	42	Tracking wheel 1.3 kV/cm
2	Volume resistance(ohm/cm)	3.8x10 ¹⁵	
3	Dielectric strength(kV/mm)	14	
4	Dissipation factor - 100Hz	0.01	
5	Dissipation factor - 100kHz	0.006	
6	Tracking and erosion resistance at 2.5kV/min	1000 hour withstand	
7	Dielectric constant - 100Hz	2.8	
8	Dielectric constant - 100kHz	2.8	
9	Solids content(%)	70+(Volume)	
10	Specific gravity	1.25	
11	Viscosity	1000±300=P	
12	Application temperature range(°C)	0-50	
13	Coverage(m ² /gal)	8.3m ² /u.s. gal (0.38 mm thick)	
14	Amount of needed layers <u>Cure system</u>	3	
15	Skin-over time at 25°C 50% relative humidity	15 min	
16	Tack-free time at 25°C 50% relative humidity	30 min	
17	Useable temperature range(°C)	-40 to 180	
18	Arc resistance	180 sec	
19	Water repellency angle	98°	
20	Amount of petroleum naphta (volume%)	~30%	
21	Amount of nonane(volume%)	None	
22	Amount of trimetrhyl benzene (volume%)	None	
23	Required solvents for diluting	Naphta	
24	Required maintenance during storage	None	
25	Color	Grey or White	
26	Packaging amount(kg, LI, Gal)	1 and 5 u.s. gal. can	
27	Storage time and temperature	1 year below 35°C	
28	Safety precautions	As per Naphta	
29	Health hazard	As per Naphta	