

SAN-300

File Number: E65424

Yellow Card®

  
ALSO CERTIFIED TO  
IEC REQUIREMENTS

COMPANY

KOREA KUMHO PETROCHEMICAL CO LTD  
EAST WING 10-14F  
SIGNATURE TOWERS SEOUL  
100 CHEONGGYECHEON-RO JUNG-GU  
SEOUL, 100-230 Republic of Korea

MODEL INFO

SAN-300  
Styrene Acrylonitrile (SAN), furnished as pellets

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		ANSI/UL 94
1.5 mm, Color: ALL	HB	
3.0 mm, Color: ALL	HB	
6.0 mm, Color: ALL	HB	
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability		IEC 60695-11-10
1.5 mm, Color: ALL	HB75	
3.0 mm, Color: ALL	HB40	
6.0 mm, Color: ALL	HB40	
ELECTRICAL PROPERTIES	VALUE	TEST METHOD
Hot-wire Ignition (HWI)		UL 746A
1.5 mm	PLC 4	
3.0 mm	PLC 4	
6.0 mm	PLC 4	
High Amp Arc Ignition (HAI)		UL 746A

1.5 mm	PLC 0	
3.0 mm	PLC 0	
6.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	UL 746A
Dielectric Strength	22 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 0	
Volume Resistivity	1.0E+15 ohms-cm	ASTM D257/IEC 60093
High Voltage, Low Current Arc Resistance	PLC 5	
<b>THERMAL PROPERTIES</b>	<b>VALUE</b>	<b>TEST METHOD</b>
Relative Thermal Index - Electrical Strength		UL 746B
1.5 mm	50 °C	
3.0 mm	50 °C	
6.0 mm	50 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
1.5 mm	50 °C	
3.0 mm	50 °C	
6.0 mm	50 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
1.5 mm	50 °C	
3.0 mm	50 °C	
6.0 mm	50 °C	
<b>PHYSICAL PROPERTIES</b>	<b>VALUE</b>	<b>TEST METHOD</b>
Dimensional Change	0.0 %	ASTM D1042/ISO 2796

Report Date: 1986-09-12

