iq.ul.com							
PROSPECTOR® CLICK TO View additional material information including performance and processing data The information presented on the UL Prospector datasheet was acquired by UL Prospector from the producer of the material. UL Prospector makes substantial efforts to assure the accuracy of this data. However, UL Prospector assumes no responsibility for the data values and strongly encourages that upon final material selection, data points are validated with the material supplier.							Prospector assumes
Component - Pla	stics						E207780
Guide Information							
SABIC JAPAI PACIFIC GRADES - F	N L L C RESIN, 2-2 KINUGAOKA, MO	oka-shi tochigi-ken 3	21-4392 JP				
V0150B(f1)(l PPE+PS "Noryl",	T) furnished as pellets						
	<u>Min. Thk</u>	<u>Flame</u>			<u>RTI</u>	<u>RTI</u>	<u>RTI</u>
<u>Color</u>	<u>(mm)</u>	<u>Class</u>	<u>HWI</u>	<u>HAI</u>	Elec	<u>Imp</u>	<u>Str</u>
BK	0.8	V-1	0	0	110	105	115
	1.0	V-0	0	0	110	105	115
	1.5	V-0	0	0	110	105	115
	2.0	V-0, 5VA	0	0	110	105	115
	3.0	V-0, 5VA	0	0	110	105	115
Comparative Tracking Index (CTI): 2			Inclined Plan	Inclined Plane Tracking (IPT) kV: 2			
Dielectric Strength (kV/mm): 54		m): 54	Volume Resist	ivity (10 ^x o	hm-cm): 16		

High-Voltage Arc Tracking Rate (HVTR): 4

Dimensional Stability (%): 0

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C. IT - Inclined Plane Tracking per UL746A, average time to track at 2.0 kV is 60+ minutes.

High Volt, Low Current Arc Resis 6 (D495): 6

NOTE - Material designation may be followed by a color nomenclature consisting of either an alpha/numeric or numeric/alpha combination.

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

Report Date: 2010-07-21 Last 2016-11-15 Revised: 2016-11-15	© 2019 UL LLC			<i>91</i>
IEC and ISO Test Methods				
Test Name	Test Method	Units	Thk (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	0.8	V-1 (BK)
			1.0	V-0 (BK)
			1.5	V-0 (BK)
			2.0	V-0, 5VA (BK)
			3.0	V-0, 5VA (BK)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	°C	1.0	960
			1.5	960
			2.0	960
			3.0	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	1.0	775
			1.5	775

			3.0	960	
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	°C	1.0	775	
			1.5	775	
			2.0	775	
			3.0	775	
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-	
IEC Ball Pressure	IEC 60695-10-2	°C	-	-	
ISO Heat Deflection (1.80 MPa)	ISO 75-2	°C	-	-	
ISO Tensile Strength	ISO 527-2	MPa	-	-	
ISO Flexural Strength	ISO 178	MPa	-	-	
ISO Tensile Impact	ISO 8256	kJ/m ²	-	-	
ISO Izod Impact	ISO 180	kJ/m ²	-	-	
ISO Charpy Impact	ISO 179-2	kJ/m ²	-	-	