



SHANDONG JIUJIU IMPORT AND EXPORT CO.,LTD

Add:No. 3966 East Road of Second Ring Road Licheng District Jinan City Shandong Province China

Technical Data Sheet

SBS LG411

Part Marking Code:	>PP<	
Color:	NC	
Material Shape:	Pellets	
Process:	Injection molding	
Polymer:	• Block Copolymer	
FR:	HB	
Material Attribute:	Heat stabilized grade	
Specification:	• UL	
Features:	• Nucleated	• High stiffness
Applications:	• E & E Applications	• Batteries
	• Industrial Applications	• Chair
	• Crates	• Seat bases
Additives:	Nucleator	
UL File NO.:	E330770	

Physical Properties	Standard	Value		Unit
Melt Index 230°C 2.16kg	ASTM D1238	9.0		g/10min
Density Method A	ASTM D792	0.9		g/cm3
Shrinkage Flow	INTERNAL METHOD	1.4		%
Shrinkage xFlow	INTERNAL METHOD	1.6		%
Hardness	Standard	Dry	Wet	Unit
Rockwell Hardness R(Scale)	ASTM D785	96		
Mechanical behavior	Standard	Dry	Wet	Unit
Tensile Strength Yield	ASTM D638	28		MPa
Tensile Strength Break	ASTM D638	15		MPa
Flexural Modulus	ASTM D790	1530		MPa
Izod Notch Impact 23°C	ASTM D256	10		kJ/m2
Izod Notch Impact -20°C	ASTM D256	50		kJ/m2
Thermal	Standard	Dry		Unit
Vicat Softening Temperature 10N	ASTM D1525	153		°C
HDT 0.45MPa	ASTM D648	124		°C
Flammability	Standard	Value		Unit
Flame Rating NC 0.9mm	UL94	HB		
Flame Rating NC 1.5mm	UL94	HB		
UL	Standard	Value		
UL Flame Rating NC 0.9mm	UL94	HB		

RTI Elec NC 0.9mm	UL 746B	65	°C
RTI Imp NC 0.9mm	UL 746B	65	°C
RTI Str NC 0.9mm	UL 746B	65	°C
UL Flame RatingNC 1.5mm	UL94	HB	
RTI Elec NC 1.5mm	UL 746B	65	°C
RTI Imp NC 1.5mm	UL 746B	65	°C
RTI Str NC 1.5mm	UL 746B	65	°C