

Component - Plastics				E245249			
LANXESS AG							
CHEMPARK DORMAGEN, BU SCP, BUILDING F46, DORMAGEN 41538 DE							
B4225+(f1)							
Polybutylene Terephthalate (PBT), "POCAN", furnished as pellets							
Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	0.75	-	4	2	130	120	130
	1.5	V-0	3	2	130	130	140
	3.0	V-0	2	2	130	130	140
	3.4	V-0, 5VA	2	2	130	130	140
	6.0	V-0, 5VA	1	2	130	130	140
Comparative Tracking Index (CTI): 3					Inclined Plane Tracking (IPT): -		
Dielectric Strength (kV/mm): 25					Volume Resistivity (10 ^x ohm-cm) : 12		
High-Voltage Arc Tracking Rate (HVTR): 4					High Volt, Low Current Arc Resis (D495): 7		
Dimensional Stability (%): 0.0							
(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.							
+ - Material designations may be followed by suffix numbers and/or letter(s) denoting color.							
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: 1975-12-02 Last Revised: 2011-12-06				© 2012 UL LLC			

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IEC and ISO Test Methods				
Test Name	Test Method	Units	Thickness Tested (mm)	Value
Flammability	IEC 60695-11-10, IEC 60695-11-20	Class (color)	1.5	V-0 (ALL)
			3.0	V-0 (ALL)
			3.4	V-0, 5VA (ALL)
			6.0	V-0, 5VA (ALL)
			Glow-Wire Flammability (GWFI)	IEC 60695-2-12
			1.5	960
			3.0	960
			3.4	960
			6.0	960
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	0.75	700
			1.5	700
			3.0	700
			3.4	700
			6.0	700
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	3.0	213
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	-	-

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