

Technical information, February 2007

UL-94 listing Vivak[®] sheet

Regarding the UL-94 listing of Vivak[®] sheet, we refer to the UL-94 listings of the resin producers as listed in the Yellow Cards below.

Following colours are made out of the below mentioned materials:

<u>Colour</u>	<u>Thickness</u>	<u>Material type</u>
clear 099	all thicknesses	Spectar PETG 14471 / Skygreen PETG K 2012

Other colours are not UL 94 certified.

QMFZ2 Component - Plastics		Friday, October 24, 2003							E31879	
EASTMAN CHEMICAL CO										
BLDG P1 137 REGIONAL PARK DR KINGSPORT TN 37664										
Material Designation: PETG14471										
Product Description: Polyester (PER), designated "Spectar" furnished as pellets.										
Color	Min. Thick. (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC GWIT	IEC GWFI	
CL	0.25	HB	-	-	50	50	50	-	-	
	1.1	HB	-	-	50	50	50	-	-	
	1.2	RP50	-	-	50	50	50	-	-	
	1.5	HB	-	-	50	50	50	-	-	
	3.0	V-2	-	-	50	50	50	-	-	
	6.2	RP50	-	-	50	50	50	-	-	
CTI: -			HVTR: -			D495: -		IEC Ball Pressure (°C): -		
Dielectric Strength (kV/mm): -			Volume Resistivity (10¹⁰ohm-cm): -			Dimensional Stability(%): -				
ISO Tensile Strength (MPa): -			ISO Flexural Strength (MPa): -			ISO Heat Deflection (°C): -				
ISO Tensile Impact (kJ/m²): -			ISO Izod Impact (kJ/m²): -			ISO Charpy Impact (kJ/m²): -				
NOTE May be followed by A, C, E or G.										
Report Date: 12/20/1977					Underwriters Laboratories Inc [®]					
UL94 small-scale test data does not pertain to building materials, furnishings and related contents. UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in components and parts of end-product devices and appliances, where the acceptability of the combination is determined by ULI.										

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QMFZ2 Component - Plastics			Friday, October 24, 2003			E215991			
SK CHEMICALS CO LTD									
948-1 DAECHI-3-DONG KANGNAM-KU SEOUL 135-283 KOREA									
Material Designation: "SKYGREEN PETG" K2012									
Product Description: (PETG Copolyester), furnished as pellets.									
Color	Min. Thick. (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC GWIT	IEC GWFI
NC	1.0	HB	-	-	50	50	50	-	-
NC	1.5	HB	-	-	50	50	50	-	-
NC	3.0	V-2	-	-	50	50	50	-	-
CTI: -			HVTR: -			D495: -			IEC Ball Pressure (°C): -
Dielectric Strength (kV/mm): -			Volume Resistivity (10¹⁰ohm-cm): -			Dimensional Stability(%): -			
ISO Tensile Strength (MPa): -			ISO Flexural Strength (MPa): -			ISO Heat Deflection (°C): -			
ISO Tensile Impact (kJ/m²): -			ISO Izod Impact (kJ/m²): -			ISO Charpy Impact (kJ/m²): -			
Report Date: 5/1/2001			Underwriters Laboratories Inc®						
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