

Component - Plastics

E47960

Envalior

Flughafenstrasse 101, Dusseldorf, 40474 Germany

TE250F6(h1)(j)

Polyamide 46 (PA46) "Stanyl", glass reinforced, flame retardant, furnished as pellets

Color	Min. Thk (mm)	Flame Class	HWI (PLC)	HAI (PLC)	GWIT (°C)	GWFI (°C)	RTI Elec (°C)	RTI Imp (°C)	RTI Str (°C)
ALL	0.35	V-0	0	0	--	--	--	--	--
	0.75	V-0	0	0	--	--	140	110	120
	1.5	V-0	0	0	--	--	140	125	125
	3.0	V-0	0	0	--	--	140	130	130

Comparative Tracking Index (CTI) (PLC):

2

IEC Comparative Tracking Index (V):

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IEC CTI Material Group:

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Inclined Plane Tracking (IPT) (kV):

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High-Voltage Arc Tracking Rate (HVTR) (PLC):

1

Dielectric Strength (DS) (kV/mm):

23

Volume Resistivity (VR) (10^x ohm cm):

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Surface Resistivity (SR) (10^x ohms/square):

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High Volt, Low Current Arc Resis (D495):

6

(h1) - Virgin and regrind, up to 50% by weight inclusive, in thicknesses of 0.75mm and greater, have the same basic material characteristics, except for CTI.

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: 2003-01-01

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ALSO CERTIFIED TO IEC REQUIREMENTS

ISO/IEC Flammability Properties	Value	Test Method
Flammability		IEC 60695-11-10
0.35 mm, Color: ALL	V-0	
0.75 mm, Color: ALL	V-0	
1.5 mm, Color: ALL	V-0	
3.0 mm, Color: ALL	V-0	