E I DUPONT DE NEMOURS & CO INC

ENGINEERING POLYMERS CHESTNUT RUN PLAZA PO BOX 80713 WILMINGTON DE 19880

Material Designation: FR50(+)(f1)

Product Description: Polyamide 66 (PA66), flame retardant, glass reinforced, designated "Zytel" furnished as pellets.

Color	Min. Thick. (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC GWIT	IEC GWFI
ALL	0.35	V-0	-	-	-	-	-	-	-
	0.75	V-0	0	0	130	105	105	900	960
NC, BK	1.5	V-0, 5VA	0	0	130	115	115	900	960
	3.0	V-0, 5VA	0	0	130	115	120	930	960
CTI: 2	IEC CTI (V): -	HVTR: 1	HVTR: 1 D495: 6				IEC Ball Pressure (°C): -		
Dielectric Strength (kV/mm): 25 ISO Tensile Strength (MPa): - ISO Tensile Impact (kJ/m ²): -		ISO Flexural S	Volume Resistivity (10 ^x ohm-cm): 11 ISO Flexural Strength (MPa): - ISO Izod Impact (kJ/m ²): -					Dimensional Stability(%): - ISO Heat Deflection (°C): - ISO Charpy Impact (kJ/m ²): -	

(+) Virgin and regrind up to 50% by weight inclusive, have the same basic material characteristics.

(f1) Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

NOTE (1) Material designations that are color pigmented may be followed by suffix letters and numbers. (2) Material designations may be prefixed by "ZYT" or "MIN" or "ZEN" or "DEL" or "CRA" or "RYN".

Report Date: 8/20/1996

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.