

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	D495: 6				IEC Ball Pressure (°C): -		
Dielectric Strength (kV/mm): 25		Volume Resistivity (10 ^x ohm-cm): 11				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): -			

- (+)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".