



QMFZ2 Component - Plastics

Wednesday, April 07, 2004

E41938

E I DUPONT DE NEMOURS & CO INC

ENGINEERING POLYMERS CHESTNUT RUN PLAZA PO BOX 80713 WILMINGTON DE 19880

Material Designation: **FR530 (I) (+)(F1), FR530L (I) (+) (f1)**

Product Description: Polyethylene Terephthalate (PET), glass reinforced, flame retardant, designated "Rynite" furnished as pellets.

Color	Min. Thick. (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str	IEC GWIT	IEC GWFI
NC, BK	0.35	V-0	3	1	155	-	-	-	-
ALL	0.75	V-0	2	1	155	155	155	800	960
NC	0.9	5VA	2	1	155	155	155	800	960
NC, BK	1.5	5VA	0	1	155	155	155	800	960
ALL	2.0	5VA	0	1	155	155	155	985	960
	3.0	5VA	0	1	155	155	155	985	960

CTI: 2 IEC CTI (V): - HVTR: 1 D495: 6 IEC Ball Pressure (°C): 245

Dielectric Strength (kV/mm): 34 Volume Resistivity (10¹⁰ohm-cm): 16 Dimensional Stability(%): 0
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.

(I) Recognized ground insulation component at 0.4 mm with MW79 in UL1446 Class 155 electrical insulation system designated R201N (File E69939).

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: 1/4/1996

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.