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Component - Plastics

E90350

**KURARAY CO LTD GENESTAR DIV**

OTE CENTER, BLDG 1-1-3, OTEMACHI, CHIYODA-KU TOKYO 100-8115 JP

**GW2458HF**

Polyamide 9T (PA9T), furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	0.75	V-0	0	0	150	130	140
	1.5	V-0	0	0	150	130	140
	3.0	V-0	0	0	150	130	140

Comparative Tracking Index (CTI): **0**

Dimensional Stability (%): -

High-Voltage Arc Tracking Rate  
(HVTR): **4**High Volt, Low Current Arc Resis (D495): **5**

Dielectric Strength (kV/mm): -

Volume Resistivity (10<sup>x</sup> ohm-cm) : -

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: 2002-07-10  
Last Revised: 2004-08-25

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**IEC and ISO Test Methods**

Test Name	Test Method	Units	Thickness Tested (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	0.75	V-0 (ALL)
			1.5	V-0 (ALL)
			3.0	V-0 (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	-	-
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	-	-
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m <sup>2</sup>	-	-
ISO Izod Impact	ISO 180	kJ/m <sup>2</sup>	-	-
ISO Charpy Impact	ISO 179-2	kJ/m <sup>2</sup>	-	-

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Melville - June 6, 2003

E I Dupont  
Mr. Stephen J Watson  
Chestnut Run Plaza  
Wilmington, DE 19880-0713

Our Reference: 03ME06653, E41938, QMFZ2, JG/3016P.

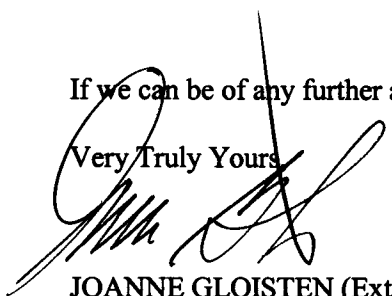
Subject: Component - Plastics HTNFR52G30LX Designated "Zytel".

We have completed our testing of the subject material. The results obtained are indicated on the table below.

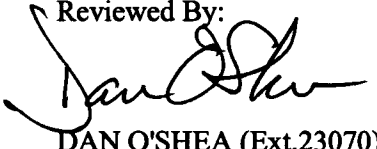
Material Designation	Color	thk (mm)	UL94 Flame Class	Elec	R.T.I. °C	
					Mech with Imp	w/o Imp
HTNFR52G30LX	NC, BK	0.75-0.85	V-0	65	65	65

If we can be of any further assistance feel free to contact us.

Very Truly Yours

  
JOANNE GLOISTEN (Ext.22634)  
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Reviewed By:

  
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