

**ASAHI-DUPONT POM (ZHANGJIAGANG) CO LTD**

NO.37 DONGHAI RD, YANGTZE JIANG INTERNATIONAL CHEMICAL, INDUSTRIAL PARK,  
ZHANGJIAGANG JIANGSU 215634 CN

**4520**

Acetal "Polyoxymethylene" (POM), "TYSTRON", furnished as pellets

Color	Min Thk (mm)	Flame Class	Flame		RTI		RTI Str
			HWI	HAI	Elec	Imp	
ALL	0.75	HB	4	0	105	80	90
	1.5	HB	3	0	105	80	90
	3.0	HB	3	0	105	85	90

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

Dimensional Stability (%): **0.0**

High-Voltage Arc Tracking Rate  
(HVTR): **0**

High Volt, Low Current Arc Resis  
(D495): **4**

Dielectric Strength (kV/mm): **28**

Volume Resistivity (10<sup>x</sup> ohm-cm) : **13**

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: 2004-03-28

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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	HB75 (ALL)
			1.5	HB75 (ALL)
			3.0	HB40 (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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