

Fig. 1 - Normal Distribution of a Prior Art Benzyl Oligostyrene Requiring High
Dilution and High Catalyst/Initiator Loading

$$M_n = 626, M_w = 710, M_z = 780, \sigma_n = 229, \alpha_3 = 0.2879$$

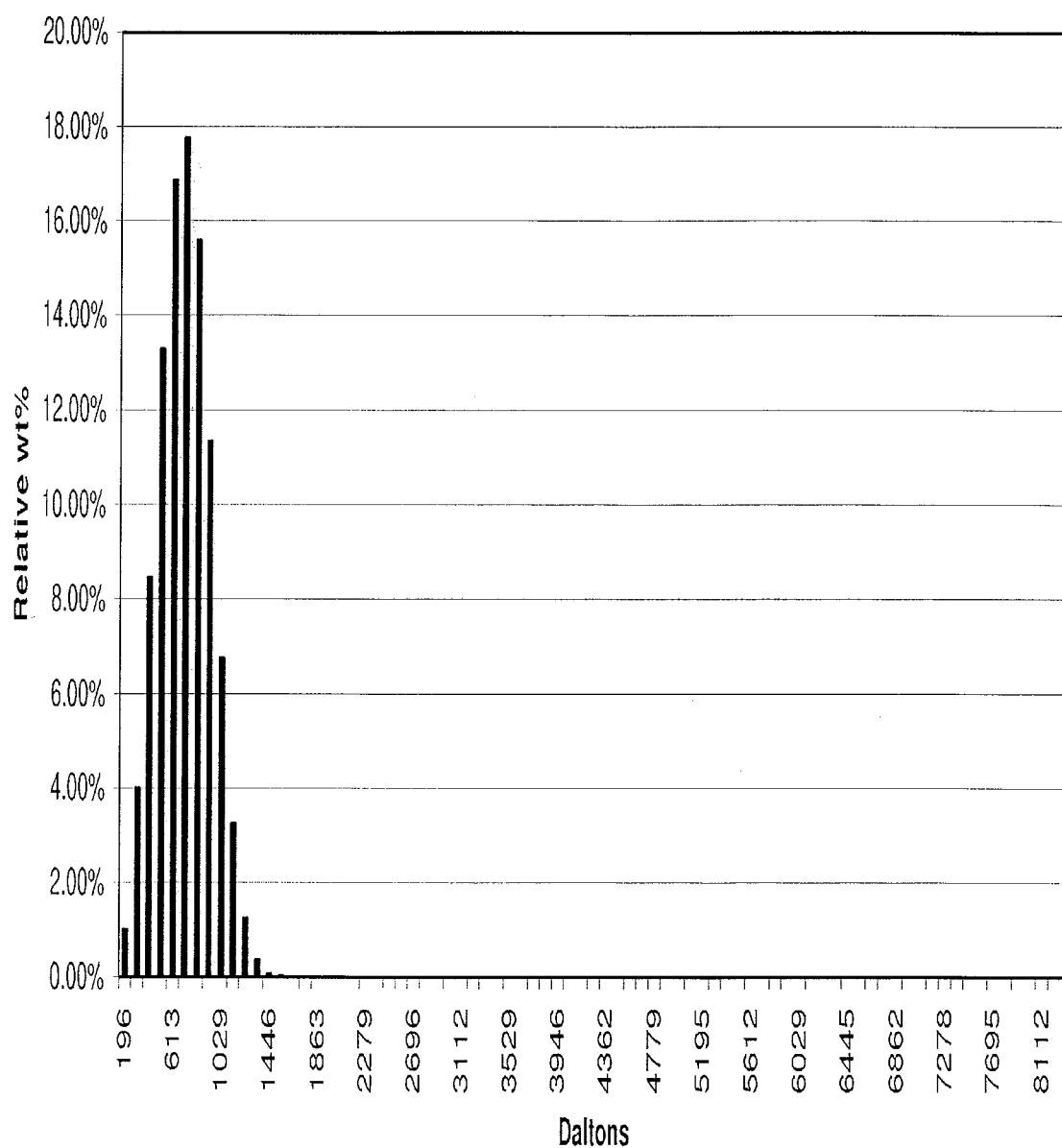


Fig. 2 - Weibull Model of a Toluene Styrenic Telomer Distribution Not of This Invention
 $M_n = 379$, $M_w = 623$, $M_z = 1110$, $\sigma_n = 304$, $\alpha_3 = 3.6367$

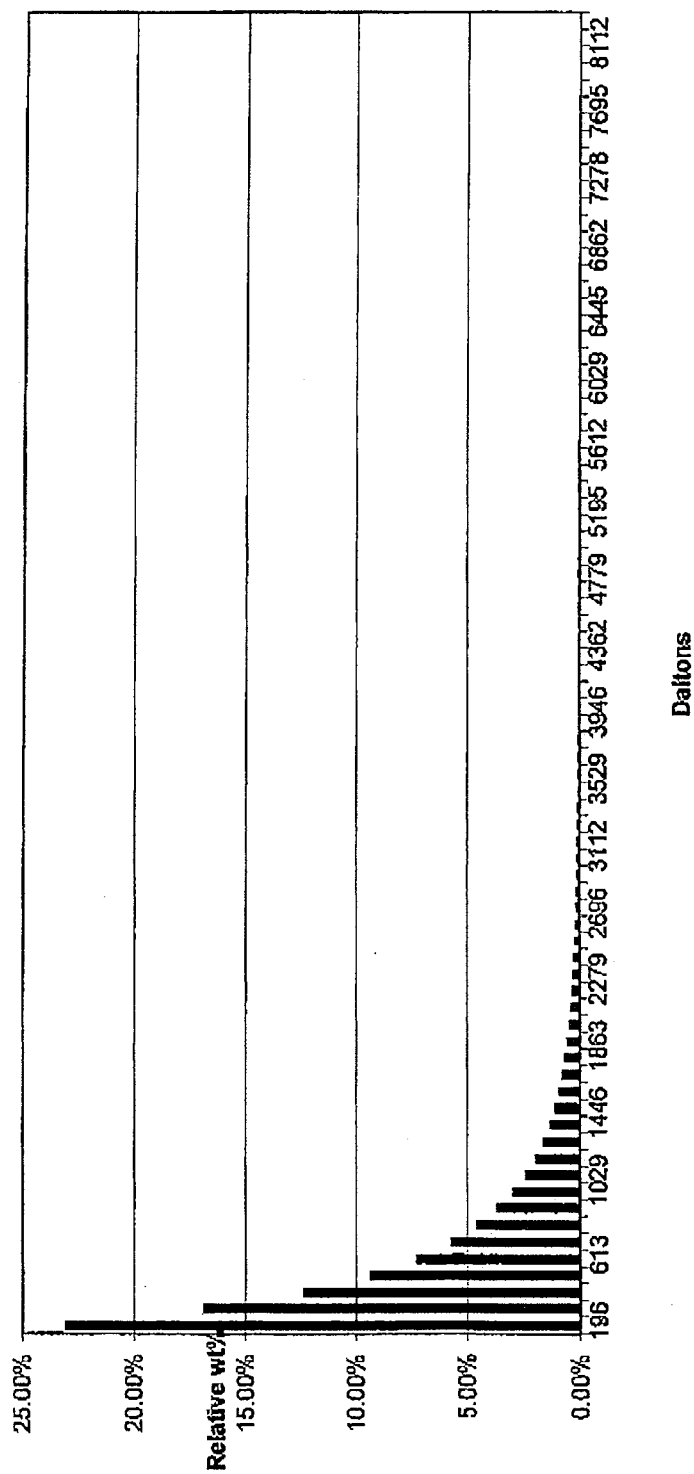


Fig. 3 - Lognormal Distribution of EP 0 741 147 A1
 $M_n = 961$, $M_w = 1616$, $M_z = 2612$, $\sigma_n = 789$, $\alpha_3 = 2.74$

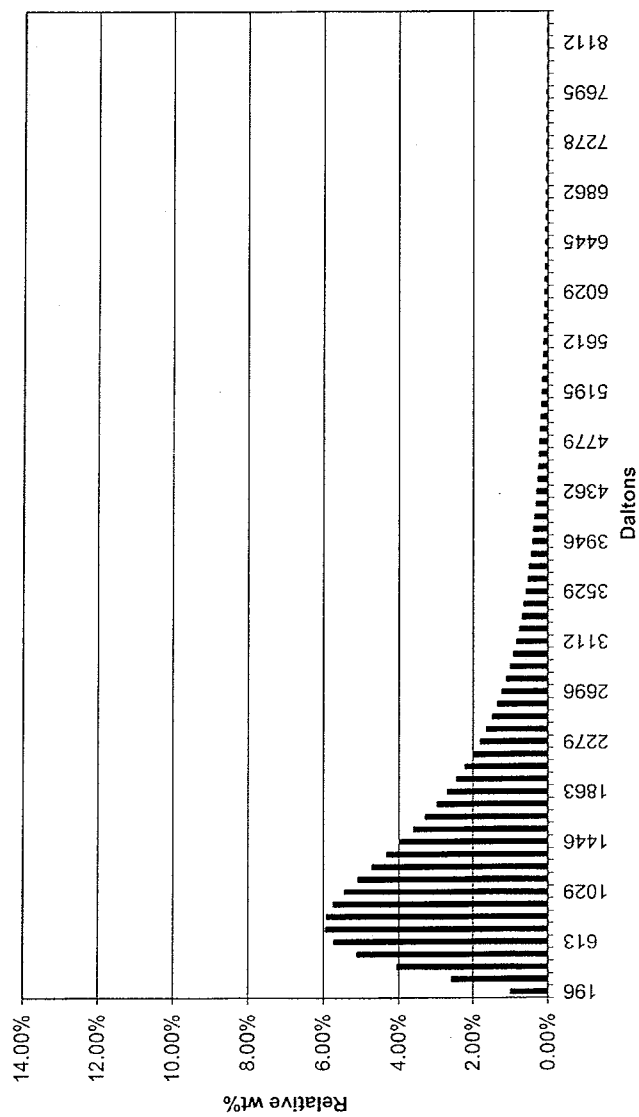


Fig. 4 - Weibull Distribution:

$$M_n = 469, M_w = 693, M_z = 979, \sigma_n = 324, \alpha_3 = 1.977$$

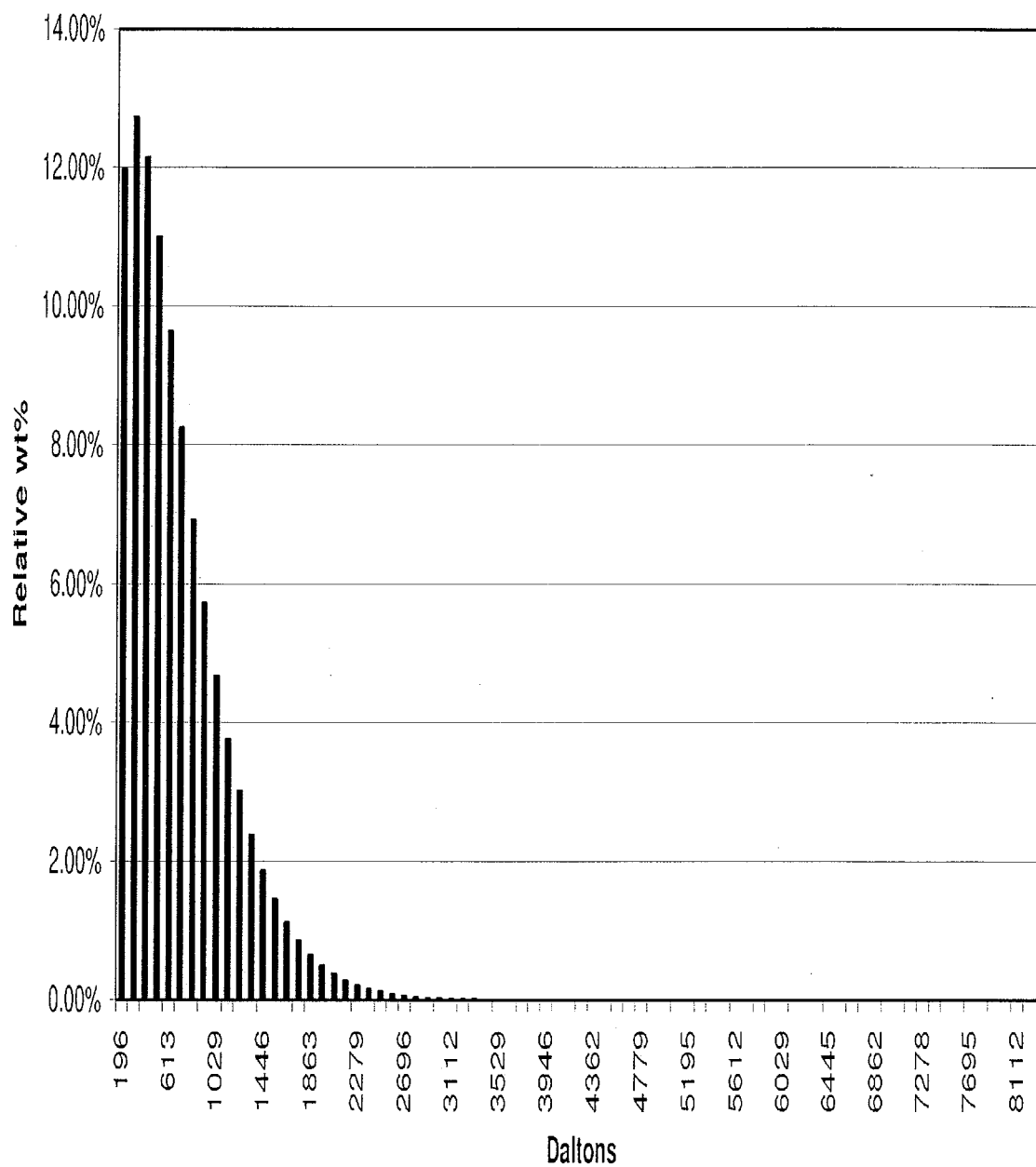


Fig. 5 - Beta Distribution

$$M_n = 497, M_w = 675, M_z = 892, \sigma_n = 297, \alpha_3 = 1.698$$

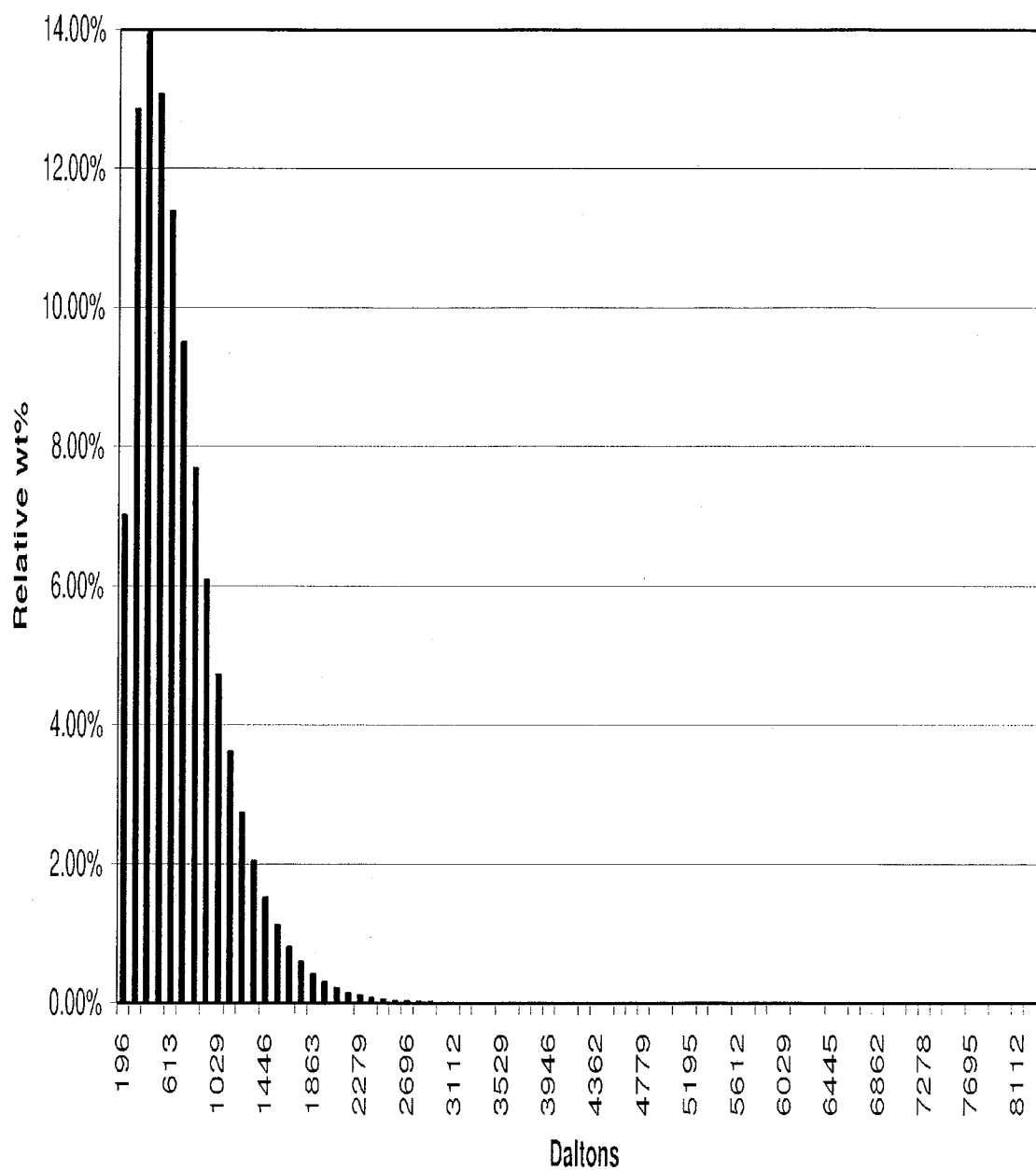


Fig. 6 - Melt Flow Index of Flame Retarded HIPS Resin as a Function of T_g of Brominated STSTD of this Invention.

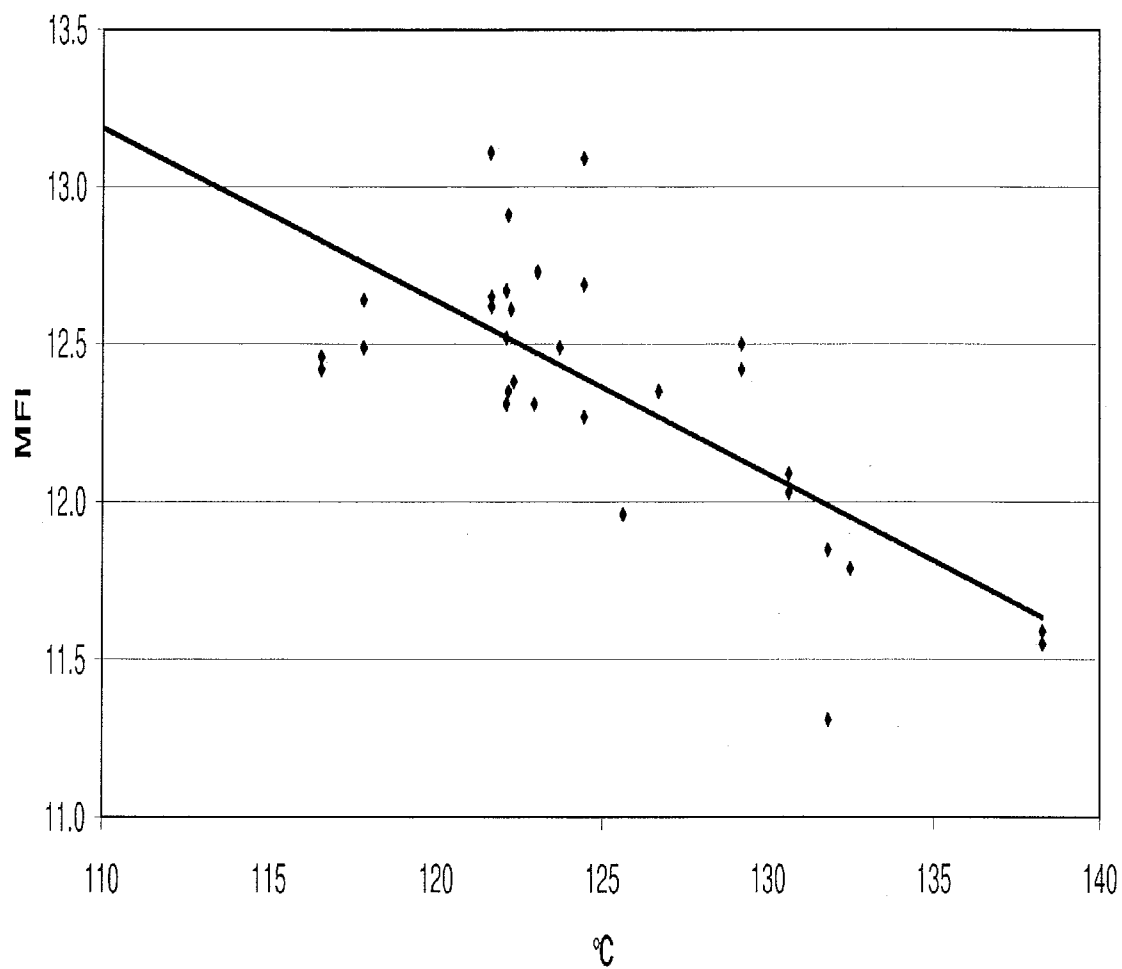


Fig. 7 - VICAT of Flame Retarded HIPS Resin as a Function of T_g of Brominated STSTD of this Invention

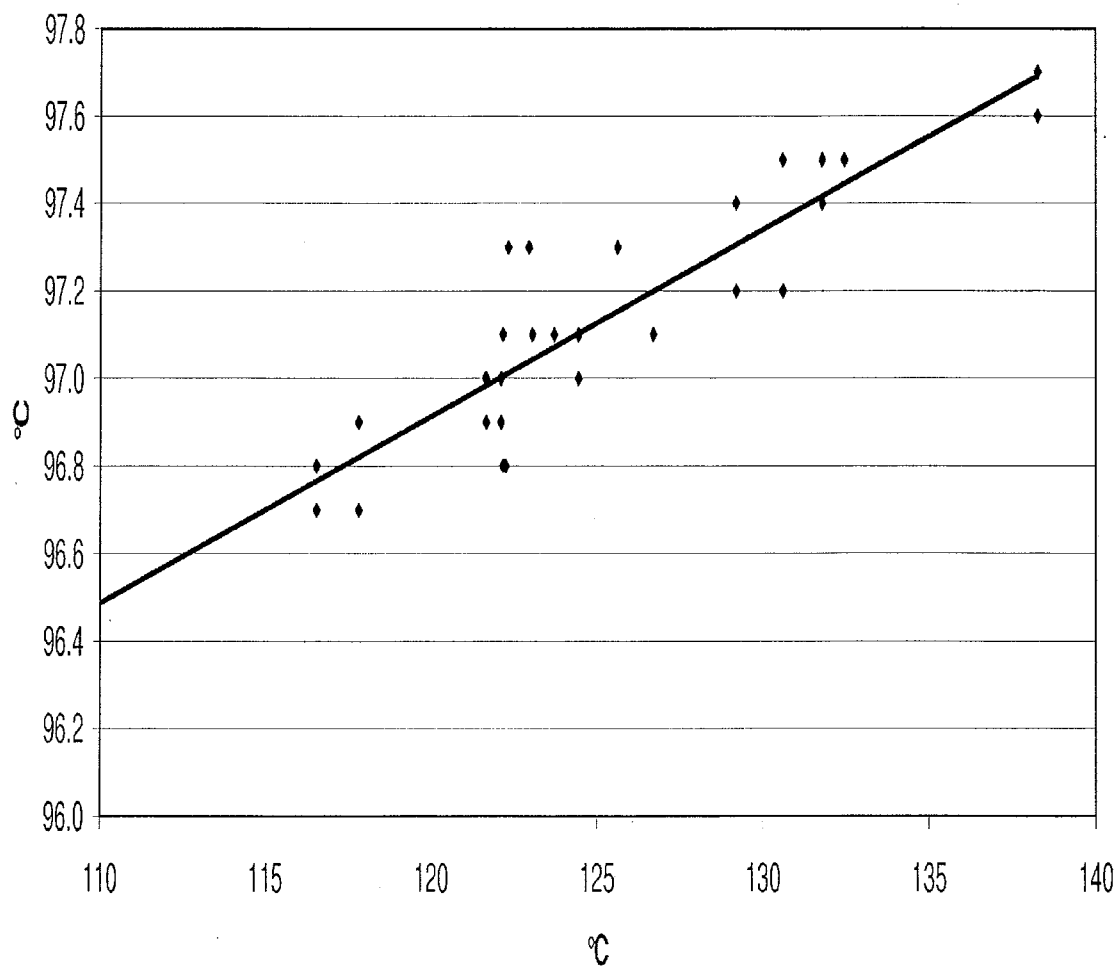


Fig. 8 - T_g Brominated STSTDs as a Function of the M_w of Unbrominated STSTDs of this Invention from which the Brominated STSTDs were Formed

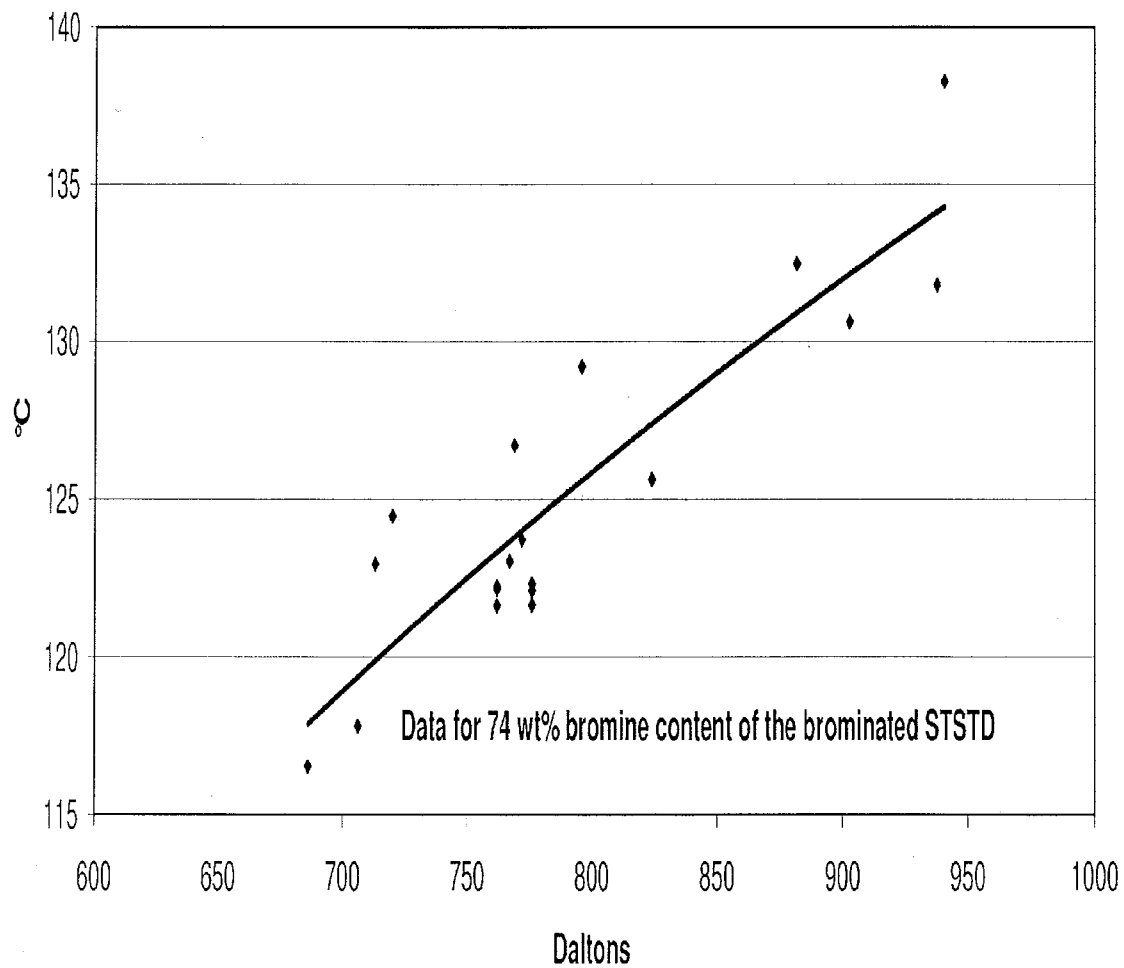


Fig - 9 Hunter Color YI Value of Flame Retardant HIPS Resins as a Function of Thermal Color Values (250°C 15 min) of Brominated STSTDs of this Invention

