

HLDP

LED Lighting Compounding



HLDP series are of the highest Heat Resistant PMMA Beads

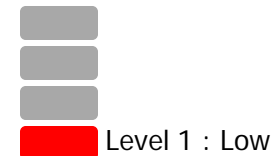
高耐熱性

Crosslinked PMMA bead
Poly-dispersed
Refractive Index: 1.49
Yellow Index: 2.5 Max

TGA data
T_{1%} 214.99 °C
T_{5%} 314.96 °C
T_{10%} 326.10 °C
Residue(@ 500 °C) <0.5%

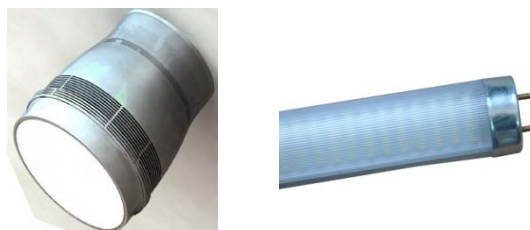
Grade	Descriptions	Particle Size (μm)	
		D50	D100
HLDP 20	PMMA bead	1.5 ~ 2.5	11.83
HLDP 50	PMMA bead	5 ~ 7	15.65

Solvent Resistance Degree



Best recommend for

(1) Plastic Molding & Extrusion for LED Lighting



(2) Light Diffusion Plate, Light Guide Plate



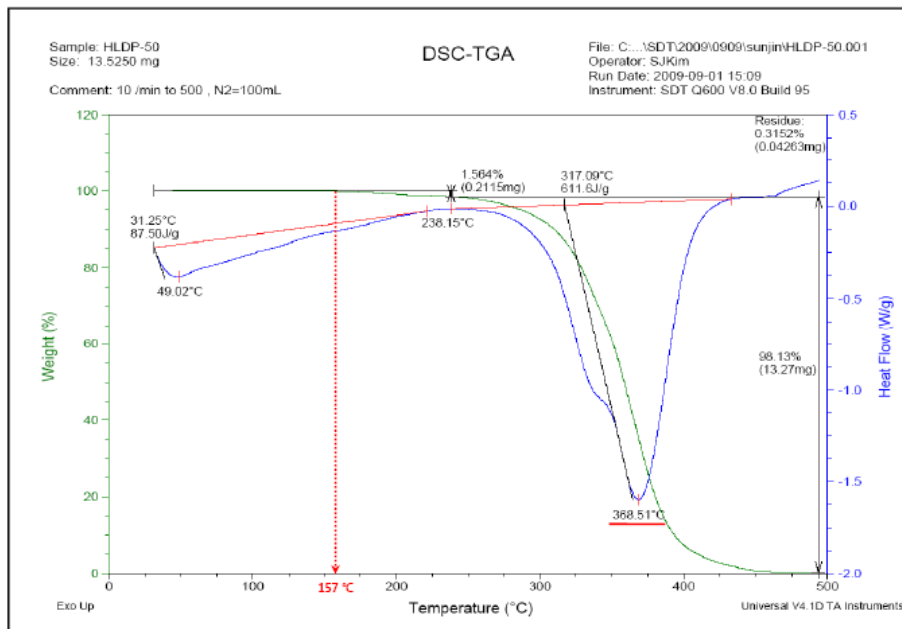
PMMA的耐热稳定性好

樹脂 射出 or 壓出 用途

"HLDP, Specially developed for PC resin compounding

For LED Lighting"

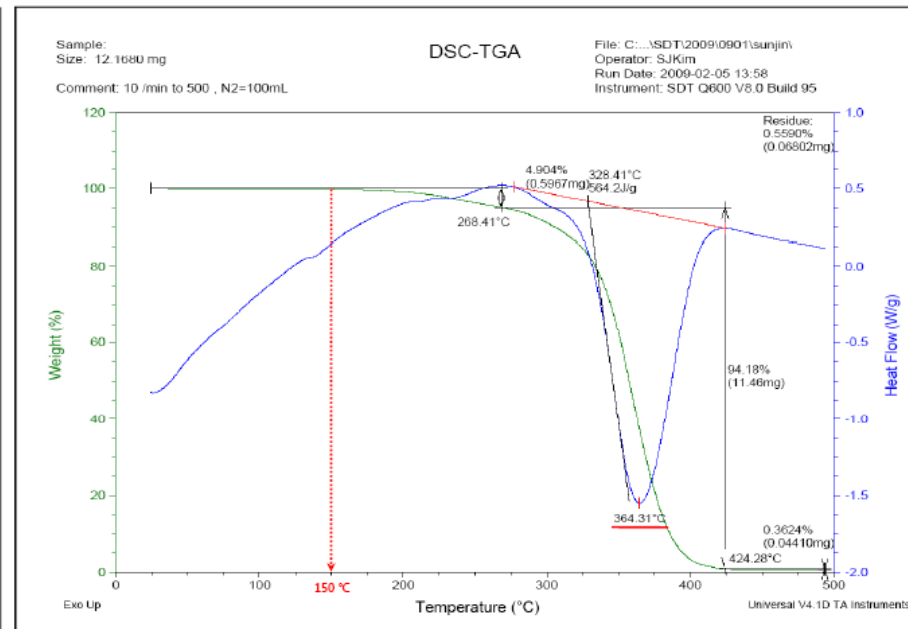
TGA ANALYSIS – HLDP50



At 250C 30min
 Yellow Index 0.51 → 5.81

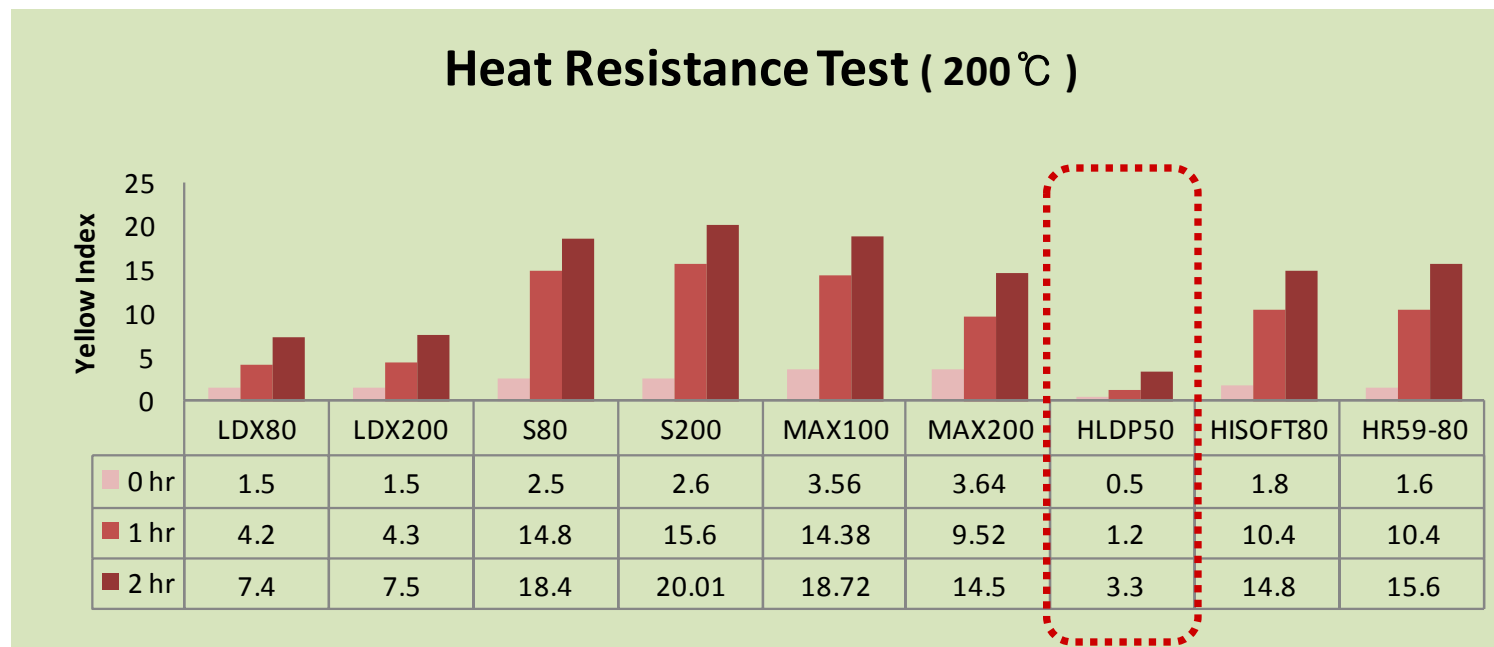


TGA ANALYSIS Competitor's



At 250C 30min
 Yellow Index 1.95 → 6.86





"HLDP, has excellent Heat Resistance"