

MANUFACTURER HIGHLIGHT



PMMA (acrylic) Resins

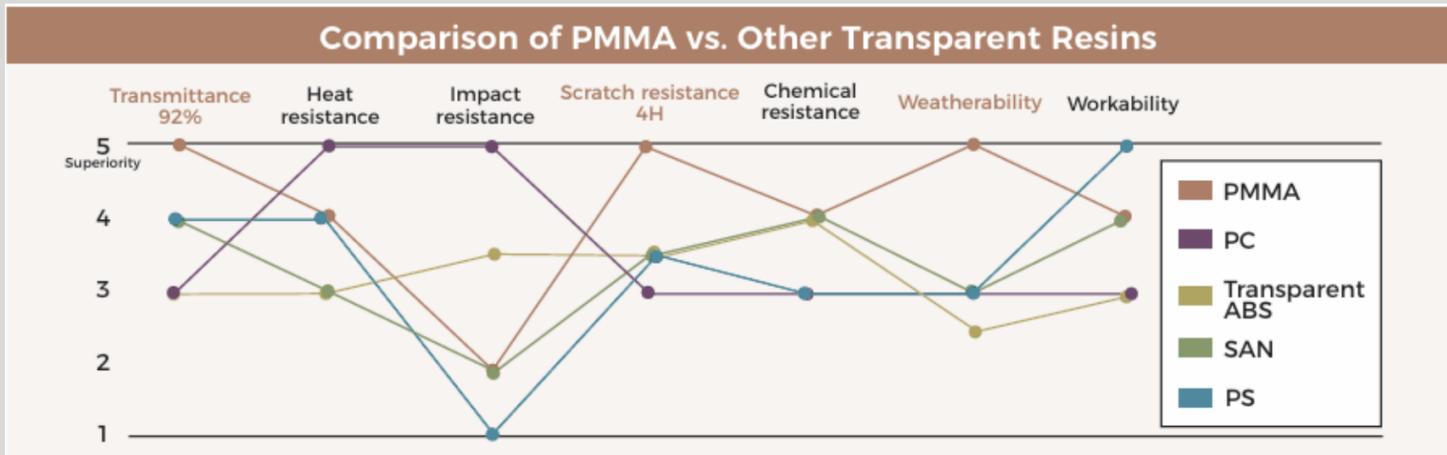


LX MMA was founded as a joint venture between LX Holdings, Sumitomo Chemical and Nippon Shokubai which are leading Japanese chemical companies in order to localize methyl methacrylate (MMA).

CRYSTALUX® PMMA & SMMA (acrylic) resins have excellent transparency, weather resistance, scratch resistance, and coloring. There are a variety of grades to suit each customer and use characteristics. PMMA is suitable for indoor and outdoor applications.

PMMA is an economical alternative to polycarbonate (PC) when extreme strength is not required. It also offers great UV stability, scratch resistance, and light transparency over PC.

Extrusion molding Grades, Extrusion molding Grades, & Beads Grades (Acrylic beads have the same physical properties as pellets and have a product range of various molecular weights, making it easy to control physical properties and viscosity. Both bead and pellet forms can be provided, and the dissolution rate in the process can be improved when applying bead-type products.)



Automotive-Transportation	
Typical Applications	Typical Grades Used
Head lamp light guide pipe & aspherical lens	IH830C, IH830L, IH830XT, IH830HT, Clear
Cluster cover window	H830HF, IH830C, Clear or Smog (83441, 83465, 83460)
Emblem	IH830, HI835MS, Clear, Color
Interior door & map lamp	IH830, Clear, Diffusion (0018, ID193, ID198, LF199, LF197, LF195)
Front end lighting	HI536 (under development), Clear, Black(for bezel)
Center High mounted stop lamp	IH830C, IH830CA, IH830SR, red (4006, 40060, 4003), smog (8001)
Side mirror cover, Front grille	HI735-S9678, HI781-S9678, Piano black
Spoiler Garnish	IH830-9678, IH830-S9678, HI542-S9678, HI835MS-S9678, Piano black (9660, 9678, 9682)
Side mirror repeat lamp	IH830C, IH830, IH830A, IH830HR, IH830HT, IH830HF, IH830SR, Clear, Red (4006,40060,4003, 42032, 42015, 42066), Amber (2001, 2002, 2561, 2559), Grey (83295, 8001),Pink (41951, 41930), Black for bezel (9678), Diffusion (ID68, ID193, LF199, LF197, LF195)
Registration plate cover	HI835M, HI835S, HI835H, HI855M, HI855S, HI855H, Clear



Optical/ Lighting	
Typical Applications	Typical Grades Used
Light guide panels for LCD, LED TV, Monitor, Note book	HP202, HP05B
Sheet, lense	EG920, EH910

