

## **TECHNICAL DATA SHEET**

### **MV721 for Embedment and Castings**

Makevale's MV721 is a medium molecular weight homopolymer of methyl methacrylate for use in castings and embedments.

MV721 offers the distinctive combination of properties associated with high quality poly methyl methacrylate polymers such as minimum foreign inclusions like fibres, black specs. It also exhibits excellent clarity.

- High gloss and hardness
- High transparency and clarity
- Outstanding resistance to ultraviolet light and aging
- Excellent gloss retention on weathering
- Excellent resistance to water, dilute acids and alkalies
- Low residual Peroxide

### **Typical Properties**

Form	Minute spherical beads
Mean Particle Size	80±10 microns
Total Volatiles including Moisture	0.7 – 1.9%
Residual Peroxide Content	<0.1%
Inherent(Relative) Viscosity	1.8 – 1.9
Rockwell Hardness	>85
Light Transmittance	92%
Specific Gravity	1.19g/ml
Bulk Density	700kg/m <sup>3</sup>

Properties are indicated for information only and are not to be taken as guarantee of product specifications. Certificates of conformity will be supplied to agreed specification.

