

67380 Plexigum® PQ 611

Binding agent for odorless interior and exterior paints for the conservation of buildings. Polymer in powder form based on iso-butyl methacrylate.

Product properties

Density:	1.04 g/cm ³ (DIN EN ISO 12185)
Bulk density:	approx. 600 g/l (DIN EN ISO 60)
Solubility:	Soluble in esters, ketones, aromatic hydrocarbons and in aromatic-free, aliphatic hydrocarbons; insoluble in alcohols.
Viscosity number:	38 cm ³ /g (DIN EN ISO 1628-1)
Molecular weight (Mw):	120000 g/mol (DIN 55672-1)
Dynamic viscosity:	140 mPas (DIN EN ISO 3219) (40 % in MEK, C35/1°, 100/s)
Glass transition temperature (T _g)	33°C (DIN EN ISO 11357-1)

General Information

Film properties (measured on solvent-free, dried unpigmented films)

Torsion pendulum test:	DIN 53 445
Temperature T _{Δmax} at the damping maximum (frequency: 1 Hz)	52°C

Applications

Binding agent for especially odorless and physiologically harmless paints for the exterior and interior application for the conservation of buildings. For example, also for upgraded insulation systems (polystyrene). The main solvents are aromatic hydrocarbons. Plexigum® PQ 611 is also used for the production of print colors based on petroleum.

Storage:

Cool and dry, shelf-life at least 5 years.