+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

TOTAL
COMMITTED TO BETTER ENERGY

Polypropylene M3661

Technical Data Sheet
Homopolymer – General Purpose Injection Molding and Extrusion

Produced in the United States

Description

Polypropylene M3661 is engineered for good processability in thin wall multi-cavity molds.

Good Clarity: M3661 has good contact/see-through clarity, and is easily printed with silk screen or hot stamping techniques.

FDA: M3661 complies with all applicable FDA regulations and may be used under those provisions for food contact applications.

Recommended Applications: M3661 is for the injection molding of house wares, utility boxes and containers, as well as general purpose extrusion.

Processing: This resin processes on conventional injection molding equipment with typical melt temperatures of 390-450°F (200-232°C).

Characteristics

	Method	Unit	Typical Value
Rheological Properties			
Melt Flow	D-1238 Condition "L"	g/10 min	14
Mechanical Properties			
Tensile	D-638	psi (MPa)	4,900 (33)
Elongation	D-638	%	6
Tensile Modulus	D-638	psi (MPa)	205,000 (1450)
Flexural Modulus	D-638	psi (MPa)	195,000 (1400)
Izod Impact @ 73°F Notched	D-256	ft.-lbs/in. (J/m)	0.4 (2)
Thermal Properties(1)			
Melting Point	DSC	°F (°C)	306 (152)
Heat Deflection	D-648	°F @ 66 psi °C @ 4.64 kg/cm	220 104
Other Physical Properties			
Density	D-1505	g/cc	0.905

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.
(2) MP determined with a DSC-2 Differential Scanning Calorimeter. Test procedure available upon request.