

MAX EMC

PHYSICAL PROPERTIES AND MECHANICAL PROPERTIES

Plastic Processing Temperatures In Degrees F					
Material	Specific Gravity	Mold Surface & Demolds	Lower Processing	Orientation	Upper Temp
ABS	1.07	185	260	280	400
Acrylic	1.15	185	300	325	425
Acrylic/PVC	1.15	175	290	310	400
Polycarbonate	1.20	280	335	350	400
Polyethersulfone	1.37	400	525	560	700
Polyethersulfone, glass filled 20%	1.51	410	535	560	720
Polyethylene, high density	0.99	180	260	270	430
Polypropylene	0.92	257	270	280	380
Polypropylene, glass filled	1.05	195	265	280	450
Polysulfone	1.24	325	375	415	575
Polystyrene	1.06	185	260	275	360
Vinyl, rigid	1.47	150	220	245	310
Vinyl, rigid foam	0.70	160	240	260	350