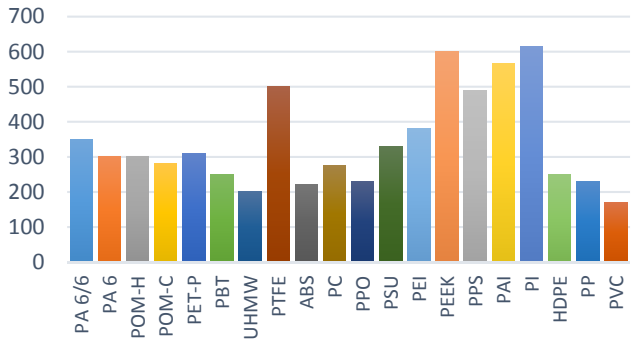
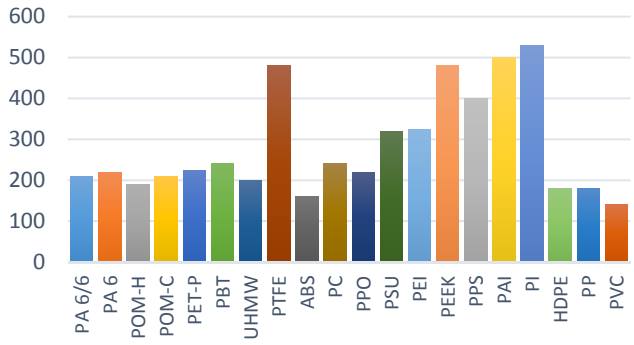
PLASTIC PROPERTY COMPARISON GRAPH

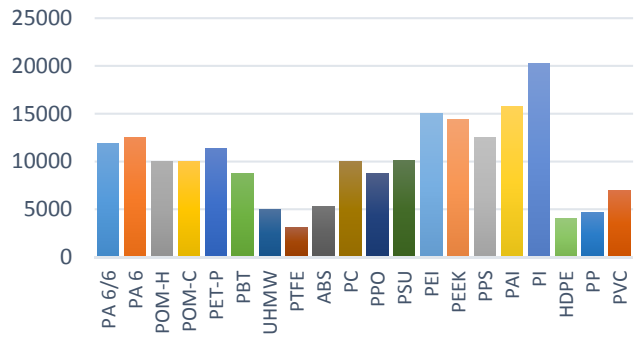
Short Term Operating Temperature
(Degrees fahrenheit)



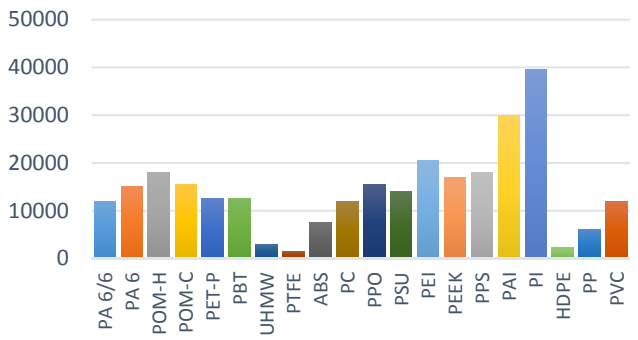
Long Term Operating Temperature
(Constant degrees fahrenheit)



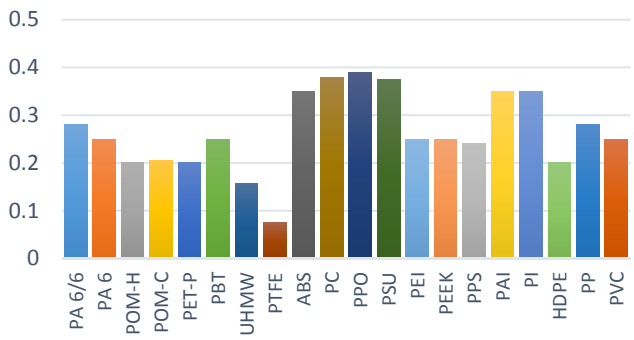
Tensile Strength
(Pounds per Square Inch)



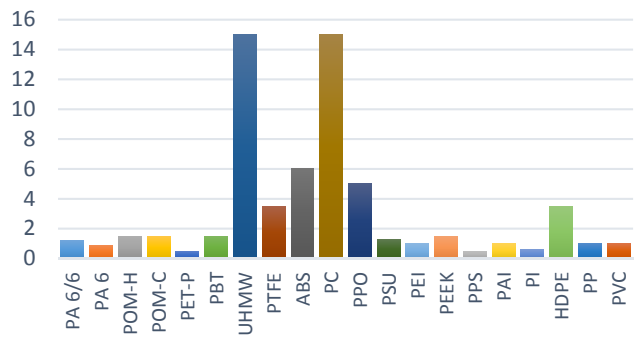
Compressive Strength
(Pounds per Square Inch)



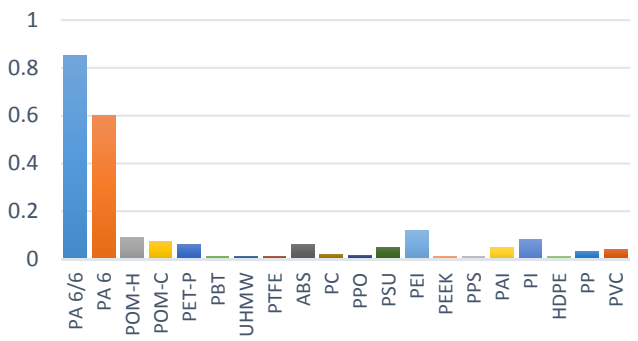
Coefficient of Friction
(Lower has less friction)



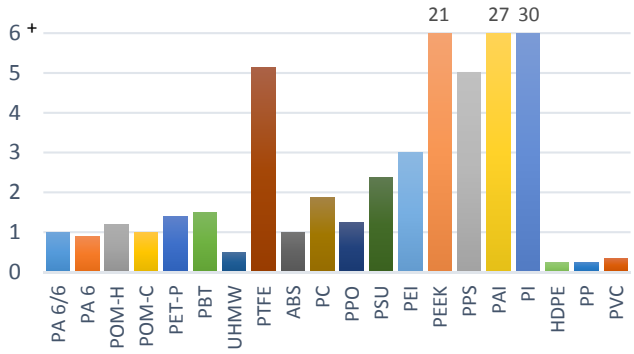
Impact Strength
(Ft.-lb/inch of notch - Higher is better)



Moisture Absorbtion
(% at saturation)



Cost Comparison
(USD)



PA 6/6	Extruded Nylon
PA 6	Cast Nylon
POM-H	Acetal Homopolymer (Delrin®)
POM-C	Acetal Copolymer
PET-P	Polyester PET-P
PBT	Polyester PBT (Valox®)
UHMW	UHMW Polyethylene
PTFE	Teflon®
ABS	ABS
PC	Polycarbonate
PPO	Noryl®
PSU	Polysulfone
PEI	Ultem®
PEEK	PEEK
PPS	Ryton®
PAI	Torlon®
PI	Vespel®
HDPE	HD Polyethylene
PP	Polypropylene
PVC	Polyvinyl Chloride

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