

<u> </u>	Morphology Cha		
Imagineering Plastics ®	Amorphous	Semi-Crystalline	
Low Shrinkage	₩		
Low Warpage	×		
Tight Tolerances	×		
Transparency	×		
Mold Flow Ease		A	
Chemical Resistance		₩	
Wear Resistance		₩	

Imagineering Plastics *	YOUR GLOBAL COMPOUNDER OF CUST	
	Amorphous	Semi-Crystalline
Low Shrinkage	₩	
Low Warpage	æ	
Tight Tolerances	*	
Transparency	*	
Mold Flow Ease		*
Chemical Resistance		*
Wear Resistance		*
Lens?	Precision	on Printer
 Fuel Float? 	Chassis	6?
	Intake Manifold?	
 Lamp Housing? 	• III.dke	
 Tool Housing? 	 Grease Fitting? 	
• Pulley?	Laptop Cover?	

Morphology Of Thermoplastics

YOUR GLOBAL COMPOUNDER OF CUSTOM ENGINEERED THERMOPLASTICS

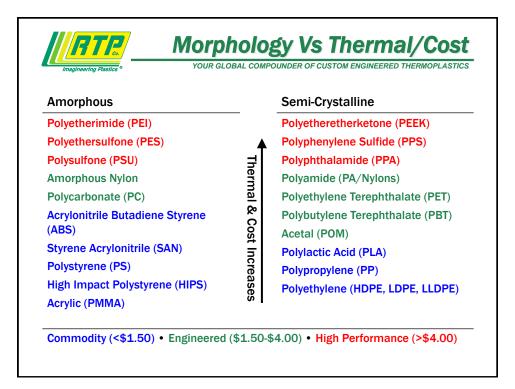
Amorphous

Polyetherimide (PEI) Polyethersulfone (PES) Polysulfone (PSU) Amorphous Nylon Polycarbonate (PC) Acrylonitrile Butadiene Styrene (ABS) Styrene Acrylonitrile (SAN) Polystyrene (PS) High Impact Polystyrene (HIPS) Acrylic (PMMA)

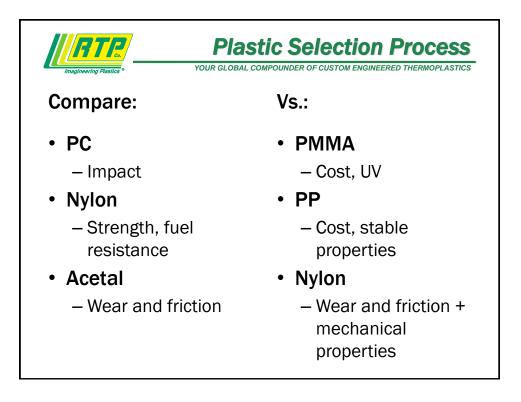
Semi-Crystalline

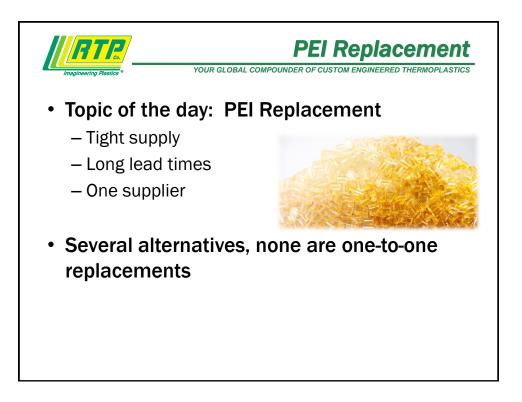
Polyetheretherketone (PEEK) Polyphenylene Sulfide (PPS) Polyphthalamide (PPA) Polyamide (PA/Nylons) Polyethylene Terephthalate (PET) Polybutylene Terephthalate (PBT) Acetal (POM) Polylactic Acid (PLA) Polypropylene (PP) Polyethylene (HDPE, LDPE, LLDPE)

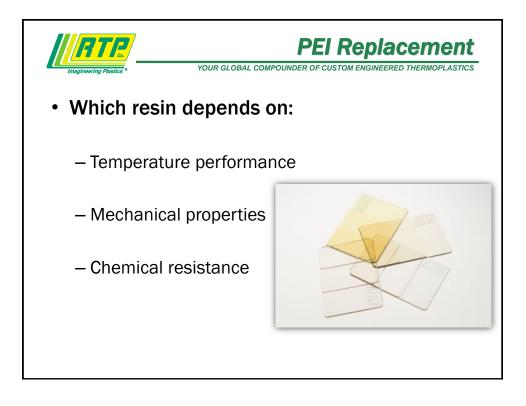












Imagineering Plastics *	Ter	PEI Repl YOUR GLOBAL COMPOUNDER OF CUSTOM ENGINE Temperature Properties		
HDT @ 264psi	Unfilled	30 glass		
morphous				
PEI	392 F	405 F		
PPSU	405	415		
PES	398	420		
PSU	345	365		
Semicrystalline				
PPS	N/A	510		
PPA	280	500		
PEEK	313	600		
H Also need to ur		improved thr beak and con proc		

