Plastic Properties Comparison Chart

AARON PACKAGING INC

Plastic Properties	1 PET Polyethylene Teraphthalate (PET)	2 HDPE High-Density Polyethylene (HDPE)	3 V Polyvinyl Chloride (PVC)	4 LDPE Low-Density Polyethylene (LDPE)	5 PP Polypropylene (PP)	6 PS Polystyrene (PS)	7 OTHER Other Plastics
Clarity	Clear	Translucent	Clear	Translucent	Translucent	Clear	This plastic category has become a catch-all for various other plastics. Such as Nylon, ABS, Polycarbonate, & Melamine.
Rigidity	High	Moderate	High	Low (Squeezable)	Moderate	High	
Impact Resistance	Moderate	Excellent	Moderate	Excellent	Moderate	Low	
Maximum Temperature	120° F	190° F	140° F	150° F	240° F	200° F	
Minimum Temperature	-40° F	-100° F	30° F	-100° F	0° F	30° F	
Moisture Barrier	Moderate	Excellent	Moderate	Moderate	Excellent	Low	
Oxygen Barrier	Moderate	Low	Moderate	Low	Low	Low	
UV (Sunlight) Resistance	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	