Polymer	Polymer Abbreviation	Autoclave	Dry Heat	Oxide (EtO)	Gamma Irradiation	Electron Beam
	Poly	yesters				
Copolyesters		Poor	Poor	Good	Good	Good
Poly butylene terephthalate	PBT	Fair	Fair	Good	Good	Good
Poly ethylene terephthalate	PET	Poor	Poor	Good	Good	Good
	Poly	olefins				
Cyclo olefin copolymer	coc	Fair	Fair	Good	Good	Good
High-density polyethylene	HDPE	Poor	Poor	Good	Good	Good
Low-density polyethylene	LDPE	Poor	Poor	Good	Good	Good
Polypropylene	O PP	Good	Fair	Good	Fair	Fair
Polypropylene copolymers	200	Good	Fair	Good	Fair	Fair
Polyvinyl chloride plasticized	PVC	Fair	Fair	Good	Good	Good
Polyvinyl chloride unplasticized	PVC	Poor	Poor	Good	Fair	Fair
Ultrahigh molecular weight polyethylene	UHMWPE	Poor	Poor	Good	Good	Good
	Polystyre	ne/styrenics				
Acetals	POM	Good	Good	Good	Poor	Poor
Acrylics		Poor	Poor	Good	Good	Good
Acrylonitrile butadiene styrene copolymer (Abs)	ABS	Poor	Poor	Good	Good	Good
Acrylonitrile styrene acrylate	ASA	Poor	Poor	Good	Good	Good
High heat polycarbonates		Good	Good	Good	Good	Good
Methacrylate acrylonitrile butadiene styrene copolymer	MABS	Poor	Poor	Good	Good	Good
Polycarbonates		Fair	Fair	Good	Good	Good
Polystyrene	O PS	Poor	Poor	Good	Good	Good
Polyurethanes		Poor	Poor	Good	Good	Good
Styrene-acrylonitrile copolymer (San)	SAN	Poor	Poor	Good	Good	Good
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SBC

Poor

Poor

Good

Good

Good

Styrene-butadiene copolymer