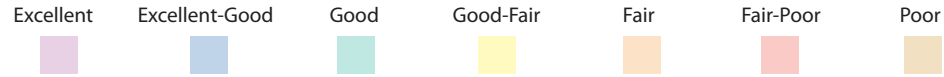


Film Properties



High Density Polyethylene (HDPE) Linear Low Density Polyethylene (LLDPE) Low Density Polyethylene (LDPE) Polypropylene (PP) Nylon EVOH EAA SURLYN EVA

Barrier Properties

Moisture Protection	Excellent	Good	Good	Excellent-Good	Poor	Fair - Poor	Good	Fair	Poor
Oxygen Protection	Good	Good	Good	Excellent-Good	Excellent-Good	Excellent	Good	Fair	Poor
Grease Resistance	Excellent-Good	Fair	Fair	Good	Excellent	Good	Good	Excellent	Fair-Poor
UV Resistance	Good-Fair	Good-Fair	Good-Fair	Fair-Poor	Good	Poor	Fair	Good-Fair	Good

Strength

Tensile	Excellent	Excellent	Fair-Poor	Excellent	Excellent	Good	Excellent	Good	Poor
Impact	Fair-Poor	Excellent	Excellent-Good	Poor	Excellent	Good	Excellent	Excellent-Good	Excellent-Good
Tear	Fair	Excellent	Fair	Good	Good	Good-Fair	Excellent	Poor	Fair
Flex/Crack	Good	Excellent	Good	Good	Good	Good	Excellent	Good	Good
Hot Temperature	Fair	Poor	Poor	Fair	Excellent	Fair	Good	Poor	Fair-Poor
Cold Temperature	Poor	Fair	Fair	Poor	Fair	Fair	Excellent	Good	Excellent
Elongation Properties	Fair	Excellent	Good	Excellent-Good	Good	Good	Excellent	Good	Excellent

Appearance

Clarity	Poor	Fair	Good-Fair	Good	Fair	Good	Good	Good	Fair-Poor
Gloss	Poor	Fair	Good	Good	Good	N/A	Good	N/A	N/A
Stiffness	Fair	Poor	Poor	Fair	Good	Poor	Poor	Poor	Poor
Deadfold	Poor	Poor	Poor	Fair	Poor	Poor	Poor	Poor	Poor

Machinability

Heat sealability	Poor	Good	Good	Poor	Good	Fair	Good	Excellent	Excellent
Heat seal range (°F)	275°-310°	270°-310°	250°-350°	325°-400°	350°-500°	N/A	250°-325°	190°-400°	150°-400°
Printability	Good	Good	Good	Good	Good	N/A	Good	Good	Good

