

## High Performance, Cross-Linked, Irradiated Polyolefin Shrink Film

- Excellent gloss and clarity for retail appeal
- Strong durable seals on a wide variety of sealing systems
- High tensile strength and tear resistance for added toughness
- Consistent machinability on semi-automatic and automatic wrappers
- High percentage of shrink allows film to conform tightly to irregular shapes
- Corrosion free sealing with no fumes or wire build up
- Good resistance to burn though created by tunnel temperature variations
- Works well on a wide range of applications -- multipacks, toys & games, baked goods, printed items
- Complies with FDA and USDA regulations governing direct contact food packaging



Quick Shrink-IR is an advanced, biaxially oriented, high clarity, cross-linked LLDPE shrink film with the versatility to shrink wrap a wide variety of products. Quick Shrink-IR is formulated and produced to ensure performance characteristics to meet even the toughest shrink wrapping applications. This film is compatible with nearly all shrink wrapping equipment in use today.

TYPICAL PROPERTIES	ASTM TEST	45G	60G	75G	100G
MINIMUM USE TEMPERATURE (F)		-40°F	-40°F	-40°F	-40°F
HAZE (%)	D1003	2.3	2.8	3.1	3.4
GLOSS (%)	D2457	130	125	125	120
TENSILE STRENGTH (PSI)	D882	15,000	15,000	15,000	15,000
ELONGATION AT BREAK (%)	D882	110	115	115	120
STIFFNESS MODULUS (PSI)	D882	55,000	55,000	55,000	55,000
TEAR STRENGTH (GMS/PLY)	D1922	8	10	13	15
COEFFICIENT OF FRICTION (FILM TO FILM: KINETIC)	D1894	0.30	0.30	0.30	0.30
WVTR (G/100IN <sup>2</sup> /24HRS)	F1249	1.7	1.4	1.2	0.9
OTR (CC/M <sup>2</sup> /24HRS)	D3985	10,300	9,500	6,6200	5,400
UNRESTRAINED SHRINK (%) @ 260°F	D2732	70	70	70	65
SHRINK FORCE @ 250°F (PSI)	D2838	550	550	550	500
IMPACT STRENGTH (IN-LBS)	D3420	8	10	13	15

This data should be considered as average typical properties and not as a specification. This data is offered for information purposes and does not represent any type of guarantee or warranty of performance. No liability is assumed for any incidents that may arise from use of this data. We urge purchases to conduct independent tests to determine final suitability for their specific application.