



HDPE 9260

Medium Molecular Weight High Density Polyethylene Film Resin

FILM

RESIN PROPERTIES ⁽¹⁾

	Method	Unit	Typical Value
Melt Flow Index	D1238	g/10 min	–
190°C/2.16 kg	–	–	2.0
190°C/21.6 kg (HLMI)	–	–	116
Density	D792	g/cm ³	0.963
Melting Temperature	D3418	°F	270

FILM PROPERTIES ^{(1) (2)}

	Method	Unit	Typical Value
Tensile Strength at Yield	D882	psi (MD/TD)	4,600 / 5,200
Elongation at Break	D882	% (MD/TD)	935 / 810
1% Secant Modulus	D882	psi (MD/TD)	165,000 / 190,000
WVTR ⁽³⁾	F1249	g/100 in ² /day	0.10

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.

(2) Film was produced at 2.0 mil with a 2.5:1 BUR.

(3) Water Vapor Transmission Rate at 100°F / 90%RH.

CHARACTERISTICS:

- Bimodal molecular weight distribution
- High moisture barrier grade
- High stiffness
- Good processability
- High tensile strength
- Good heat resistance

APPLICATIONS:

- Cereal liners
- Cracker overwrap
- Bakery mixes
- Specialty films
- Coextruded films
- Machine direction oriented films (MDO)
- Lamination

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