

Description

HDPE 9260: High Barrier grade, good processability, high stiffness, low gels

Applications: Cereal liners, cracker over-wrap, bakery mixes, specialty monolayer films, coextruded films

Characteristics

	Method	Unit	Typical Value
Rheological Properties⁽¹⁾			
Melt Flow Index	D-1238	g/10 min	
190°C/2.16 kg			2
Film Properties⁽¹⁾⁽²⁾			
Tensile Strength @ Yield	D882, A, 20 in/min	psi (MD/TD)	4200 / 3600
Elongation at Break	D882, A, 20 in/min	% (MD/TD)	850 / 500
Secant Modulus			
1% strain (MD/TD)	D882, A, 1 in/min	kpsi	140 / 180
2% strain (MD/TD)			110 / 135
WVTR ⁽³⁾ @ 100°F	F1249	g/100 in ² /day	0.12
Other Physical Properties			
Density	D-792	g/cm ³	0.96
Processing Recommendation			
Extrusion Melt Temperature		°F	380 – 430
BUR			2.0 – 3.5
FLH/D			4.0 – 6.0

(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

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