

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	D882, A, 1 in/min	kpsi	140 / 180
1% strain (MD/TD)			110 / 135
2% strain (MD/TD)			
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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All tests were run under laboratory conditions. ASTM (where applicable) testing procedures. The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. The use of TOTAL products must be guided by the users own methods for selection of proper formulation. TOTAL PETROCHEMICALS & REFINING USA, INC. disclaims any responsibility for misuse or miss application of its products. TOTAL MAKES NO WARRANTY OF MERCHANTABILITY AND THERE IS NO WARRANTY THAT GOODS SUPPLIED SHALL BE FIT FOR ANY PARTICULAR PURPOSE. TOTAL'S liability and customer's exclusive remedy for any claims arising out of sales of its products are expressly limited at customer option to replacement of non-performing goods or payment not to exceed the purchase price plus transportation charges thereon in respect to any material which damage is claimed.

