

# L20 BLACK

Permalon®



Reef L20 Black is a high strength and durable liner material engineered to work in many environments. It is specifically engineered to provide high strength and durability in a lightweight material. Reef L20 is a LLDPE polyethylene product.

PHYSICAL PROPERTIES AND TYPICAL VALUES	PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
	Weight	D-2103	96.0 LB/1000 FT <sup>2</sup>	46.8 KG/100M <sup>2</sup>
	Thickness	D-2103	20 MIL	0.51 MM
	Density	D-1505	0.939 G/CC	0.939 G/CC
	3" Load @ Break	D-882	85.0 LBF	378 N
			4250 PSI	29.3 MPA
	3" Elongation @ Break	D-882	600 %	600 %
	Tongue Tear	D-2261	36 LBF	160 N
	Trapezoidal Tear	D-4533	46 LBF	205 N
	Puncture Strength	D-4833	49 LBF	218 N
	Dart Impact Strength	D-1709	5.0 LBS	2220 g
	Water Vapor Permeance	E-96	0.013 Grain/Hr•Ft <sup>2</sup> •In.Hg	0.72 NG/(PA•S•M <sup>2</sup> )
	Methane Transmission Rate	D-3985	.382 x 10 <sup>3</sup> cc/(m <sup>2</sup> •Day)	.382 x 10 <sup>3</sup> cc/(m <sup>2</sup> •Day)
Carbon Black Content	D-1603	2-3 %	2-3 %	
Oxidative Induction Time	D-3895	100 Minutes	100 Minutes	

REEF INDUSTRIES, INC.

The Manufacturing Leader of Specialized Industrial Plastic Films Since 1957.

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PRODUCT INFORMATION • SPECIFICATION GUIDE

The information provided herein is based upon data believed to be reliable. All testing is performed in accordance with ASTM standards and procedures. All values are typical and nominal and do not represent either minimum or maximum performance of the product. Although the information is accurate to the best of our knowledge and belief, no representation of warranty or guarantee is made as to the suitability or completeness of such information. Likewise, no representation of warranty or guarantee, expressed or implied, or merchantability, fitness or otherwise, is made as to product application for a particular use.

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