

TECHNICAL DATA SHEET

DESCRIPTION

L20 Black is a high strength and durable membrane engineered to work in many environments. It is specifically engineered for liner and vapor barrier applications.

PHYSICAL PROPERTIES AND TYPICAL VALUES

PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
Weight	D-2103	96.0 LB/1000 FT ²	46.8 KG/100M ²
Thickness	D-2103	20 MIL	0.51 MM
Density	D-1505	0.939 G/CC	0.939 G/CC
3" Load @ Break	D-882	260 LBF	1156 N
		4300 PSI	29.6 MPA
3" Elongation @ Break	D-882	600 %	600 %
Tongue Tear	D-2261	25 LBF	111 N
Trapezoidal Tear	D-4533	46 LBF	205 N
Puncture Strength	D-4833	45 LBF	200 N
Dart Impact Strength	D-1709	5.0 LBS	2220 g
Water Vapor Permeance	E-96	0.013 Grain/Hr•Ft ² •In.Hg	0.72 NG/(PA•S•M ²)
Methane Permeability	D-1434, Method V	3.15 x 10 ⁻⁴ m ³ /m ² /Day	3.15 x 10 ⁻⁴ m ³ /m ² /Day
Carbon Black Content	D-1603	2 %	2 %
Oxidative Induction Time	D-3895	100 Minutes	100 Minutes

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