

GeoBase GB2020 Product Data

<i>Materials</i>	<i>Test Method</i>	<i>GB2020 GeoBase</i>
Polymer	-	Polypropylene
Construction	-	Extruded

<i>Tensile Properties</i>		
Ultimate Tensile Strength - MD/XMD	ASTM D6637 (lbs/ft) / (kN/m)	1,370 / 20.0
Tensile Strength @ 2% Strain - MD/XMD	ASTM D6637 (lbs/ft) / (kN/m)	479 / 7.4
Tensile Strength @ 5% Strain - MD/XMD	ASTM D6637 (lbs/ft) / (kN/m)	959 / 14.4

<i>Structural Integrity</i>		
Junction Efficiency (%)	ASTM D7737 / D6637	93%
Flexural Stiffness (mg-cm)	ASTM D7748	700,000 mg-cm
Aperture Stability (m-N/deg)	ASTM D7864	0.37 m-N/deg

<i>Ultraviolet Stability</i>		
UV % Strength Retained @ 500 hrs	ASTM D4355	100%
Carbon Black Content	ASTM D1603	0.5%
Chemical Damage Stability	EPA 9090A	100%

<i>Physical Properties</i>	<i>Units</i>	
Aperture Dimensions - MD/CMD	in / mm	1.6 / 1.6
Minimum Rib Thickness - MD/CMD	in / mm	0.07 / 0.05
Roll Width	ft	12.9
Roll Length	ft	328
Area Per Roll	SQY	471.0
Weight Per Roll	LBS	201

Updated as of January 2021

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