



809 Barkwood Court, Suite M  
 Linthicum Heights, MD 21090

tel: 410.721.4844 fax: 410.721.3844  
[www.celltekdirect.com](http://www.celltekdirect.com)

## Non-Woven Geotextile Fabric Data Sheet SF-20 (2 oz.)

PROPERTY	TEST METHOD	ENGLISH	MTRIC
Tensile Strength	ASTM D-4632	60 lbs	267 N
Elongation @ Break	ASTM D-4632	50%	50%
Mullen Burst*	ASTM D-3786*	60 psi	414kPa
Puncture Strength*	ASTM D-4833*	18 lbs	80 N
Trapezoidal Tear	ASTM D-4533	25 lbs	111 N
Apparent Opening Size	ASTM D-4751	30 US Sieve	0.595 mm
Permittivity	ASTM D-4491	2.00 Sec-1	2.00 Sec-1
Permeability	ASTM D-4491	0.07 cm/sec	0.07 cm/sec
Water Flow Rate	ASTM D-4491	150 g/min/sf	6,112 l/min/sm
UV Resistance @ 500 Hours	ASTM D-4355	70%	70%

\* Historical averages (current values not available): Mullen Burst Strength ASTM D3786 is no longer recognized by ASTM D-35 on Geosynthetics as an acceptable test method. Puncture Strength ASTM D4833 is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D6241.