



ExcelPlas

SAMPLE DATA SHEET

Job # 6063 Sample 5 – 2.0mm Double Sided Textured Roll # 593

Client: Gecat Plastic Factory Ltd

Street No. 116, Dammam Second Industrial City, P.O. Box 3371, Dammam 31451

Tests undertaken	Result
Density (ASTM D 792)	0.950 g/cm ³ (s.d. 0.001)
Core Thickness (ASTM D 5994)	Average 1.92mm (s.d. 0.073); Minimum 1.86mm
Asperity Heights	Side A 0.83mm (s.d. 0.049) Side B 0.51mm (s.d. 0.077)
Tensile Strength at Yield (ASTM D 6693)	MD 38.2N/mm (s.d. 0.68) TD 36.5N/mm (s.d. 0.60)
Tensile Elongation at Yield (ASTM D 6693)	MD 16% (s.d. 0.56) TD 17% (s.d. 0.99)
Tensile Strength at Break (ASTM D 6693)	MD 50.7N/mm (s.d. 4.06) TD 52.4N/mm (s.d. 3.05)
Tensile Elongation at Break (ASTM D 6693)	MD 584% (s.d. 53) TD 631% (s.d. 31)
Tear (ASTM D 1004)	MD 316N (s.d. 15.8) TD 295N (s.d. 15.5)
Rod Puncture (ASTM D 4833)	774N (s.d. 4)
MFR (ASTM D 1238)	0.137g/10min
S-OIT (ASTM D 3895)	217min
HP-OIT (ASTM D 5885)	1316min
UV (ASTM D 7238)	90.5%
Oven-Aging (ASTM D 5721)	100%
NCTL (ASTM D 5397)	>500h (no failure observed)

All tests undertaken meet GRI-GM 13 (2016) and BPEM (VIC 2015) as applicable.



ExcelPlas Polymer Testing
Accreditation No. 17149
Accredited for compliance with ISO/IEC 17025

