



ExcelPlas

SAMPLE DATA SHEET

Job # 6063 Sample 3 - 2.0mm Single Sided Textured

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)	0.949 g/cm ³ (s.d. 0.002)
Core Thickness	Average 1.92mm (s.d. 0.065); Minimum 1.81mm
Asperity Heights	0.88mm (s.d. 0.11)
Tensile Strength at Yield (ASTM D 6693)	MD 41.0N/mm (s.d. 0.62) TD 39.6N/mm (s.d. 0.90)
Tensile Elongation at Yield (ASTM D 6693)	MD 15% (s.d. 1.60) TD 15% (s.d. 1.61)
Tensile Strength at Break (ASTM D 6693)	MD 62.0N/mm (s.d. 8.18) TD 55.1N/mm (s.d. 10.2)
Tensile Elongation at Break (ASTM D 6693)	MD 651% (s.d. 82) TD 603 (s.d. 108)
Tear (ASTM D 1004)	MD 290N (s.d. 6.2) TD 290N (s.d. 5.4)
Rod Puncture (ASTM D 4833)	788N (s.d. 20)
MFR (ASTM D 1238)	0.122g/10min
S-OIT (ASTM D 3895)	197min
HP-OIT (ASTM D 5885)	1303min
UV (ASTM D 7238)	92.9%
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

