



ExcelPlas

SAMPLE DATA SHEET

Job # 6063 Sample 6 – 1.5mm 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)	0.948 g/cm ³ (s.d. 0.002)
Core Thickness	Average 1.47mm (s.d. 0.044); Minimum 1.40mm
Asperity Heights	0.70mm (s.d. 0.092)
Tensile Strength at Yield (ASTM D 6693)	MD 28.0N/mm (s.d. 0.89) TD 32.0N/mm (s.d. 0.52)
Tensile Elongation at Yield (ASTM D 6693)	MD 17% (s.d. 1.41) TD 14% (s.d. 1.29)
Tensile Strength at Break (ASTM D 6693)	MD 46.0N/mm (s.d. 5.38) TD 44.1N/mm (5.11)
Tensile Elongation at Break (ASTM D 6693)	MD 660% (s.d. 68) TD 618% (s.d. 66)
Tear (ASTM D 1004)	MD 211N (s.d. 5.2) TD 203N (s.d. 11.2)
Rod Puncture (ASTM D 4833)	654N (s.d. 23)
MFR (ASTM D 1238)	0.124g/10min
S-OIT (ASTM D 3895)	200min
HP-OIT (ASTM D 5885)	1328min
UV (ASTM D 7238)	99.8%
Oven-Aging (ASTM D 5721)	90.5%
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

