



ExcelPlas

SAMPLE DATA SHEET

Job # 6063 Sample 1 - 1.5mm Double Sided Smooth Roll # 469

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)
Thickness (ASTM D 5199)	Average 1.51 mm (s.d. 0.019); Minimum 1.47mm
Tensile Strength at Yield (ASTM D 6693)	MD 28.4N/mm (s.d. 1.01) TD 31.3N/mm (s.d. 0.93)
Tensile Elongation at Yield (ASTM D 6693)	MD 18% (s.d. 0.79) TD 14% (s.d. 0.32)
Tensile Strength at Break (ASTM D 6693)	MD 51.8 N/mm (s.d. 1.33) TD 52.0N/mm (s.d.0.77)
Tensile Elongation at Break (ASTM D 6693)	MD 705 (s.d. 9) TD 704 (s.d. 6)
Tear (ASTM D 1004)	MD 235N (s.d. 5.3) TD 228N (s.d. 6.8)
Rod Puncture (ASTM D 4833)	632N (s.d. 22)
MFR (ASTM D 1238)	0.114g/10min
S-OIT (ASTM D 3895)	171min
HP-OIT (ASTM D 5885)	1273min
UV (ASTM D 7238)	81.5%
Oven-Aging (ASTM D 5721)	85.5%
NCTL (ASTM D 5397)	>1100h (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

