

90W40 DATA SHEET

Grade Description	90W40
Base Paper	
Thickness (microns)	90 ± 6
Grammage (g/m ²)	68 ± 4
Tan delta (Dry at 100°C)	0.28 max
Crepe paper	
Thickness (microns)	390 ± 60
Thickness (microns) – typical	396
Grammage (g/m ²) - typical	130
Bulk density (g/cc)	0.33
Tensile Strength (N/15mm)	50 minimum
Tensile Strength (N/15mm) – typical	68
MD Stretch %	40 minimum
MD Stretch % - typical	75
Hill count (folds / 10mm)	16 ± 2
pH of Aqueous Extract	6.0 - 8.0
Conductivity of Aqueous Extract (mS/m)	4.0 maximum
% Ash	1.0 maximum
A.C. Dry Electric Breakdown (kV/mm)	3.3
A.C. Dry Electric Breakdown (V/mil)	85
A.C. Electric Strength Oil Impregnated (kV/mm)	24
A.C. Electric Strength Oil Impregnated (V/mil)	600