

Material Data Sheet: Soft PVC Sheet

Material Name: Soft PVC	
Color: Transparent Blue	
Mechanical Properties	Result
Tensile strength at break MPA TD	18.8
Tensile strength at break MPA MD	19.7
Elongation at break change % TD	650
Elongation at break change % MD	600
Rate of dimensional stability after heated 12h @ 80C° TD	+0.9%
Rate of dimensional stability after heated : 12h @ 80C° MD	-2.7%
Foldability at low temperature 1h @ -20C°	No flaw
Water absorptivity	0.14 g/cm ²
Tear strength – MD – kN/m	64
Tear strength – TD – kN/m	66
Vicat softening point C°	51.5
Breakdown voltage – Short time KV	30