



Filmore RT93 (IN Side : No Treatment, OUT Side : Corona Treatment) is biaxially oriented Nylon 6 film which is made by tenter type of production line. This film is widely used in flexible packaging application with excellent barrier and mechanical strength.

Property		Value	Unit	Test Method
General Property				
Thickness		15 \pm 0.75	μm	Hyosung Method
Yield		57.5	m^2/kg	Calculated
Thermal Property				
Heat Shrinkage (dry air)	MD	0.8 \pm 0.4	%	Hyosung Method (160 $^{\circ}\text{C}$ \times 10 min)
	TD	0.0 \pm 0.4	%	
Heat Shrinkage (steam)	MD	4.5 \pm 1.5	%	Hyosung Method (130 $^{\circ}\text{C}$ \times 30 min)
	TD	5.5 \pm 1.5	%	
Mechanical Property				
Tensile Strength	MD	23 \pm 3	kgf/mm^2	ASTM D882
	TD	30 \pm 5	kgf/mm^2	
Elongation at Break	MD	160 \pm 15	%	
	TD	105 \pm 15	%	
F-5 Value	MD	6.5 \pm 1.0	kgf/mm^2	
	TD	4.5 \pm 1.0	kgf/mm^2	
Surface Property				
COF (IN/IN)	μs	0.40 \pm 0.10	-	ASTM D1894
	μk	0.30 \pm 0.10	-	
Surface Tension	treated	53 \pm 2	dynes/cm	ASTM D2578
Optical Property				
Haze		3.0 \pm 0.4	%	ASTM D1003
Transmittance		92.0 \pm 0.5	%	ASTM D1003
Gloss at 20 $^{\circ}$		175 \pm 15	%	ASTM D523

NOTICE: Above properties are current, typical data of our products. All statements, information and data given herein are believed to be accurate and reliable, but are presented without guarantee, warranty or responsibility of any kind, expressed or implied. Some of properties would be changed in order to improve quality and productivity.