

Technical Data Sheet

PRODUCT INFORMATION

Product	RaniHeavyShrink white/transparent UV		
Material	Low-density polyethylene		
Measures:	Tolerance		
Width (mm)		± 2%	
Mean Thickness (mm)	0,180	± 10%	
UV Protection	YES		

MECHANICAL PROPERTIES (typical values)

Tensile Strength (MPa)	MD	> 15	ISO 527-3
	TD	> 15	
Elongation at break (%)	MD	> 600	ISO 527-3
	TD	> 600	
Yield Stress (MPa)	MD	> 9	ISO 527-3
	TD	> 9	
Tear Strength (N)	MD	> 14	ISO 6383/1
	TD	> 14	
Dart Drop (g)		> 450	ASTM D-1709
Puncture resistance (N)		> 100	ASTM D-5748
Dynamic Coeff. of Friction		> 0,35	ISO 8295 (1)
Shrinkage	MD	> 60 %	"Unifos" method
	TD	> 5 %	

Additional information

Frost resistant to -30 °C. UV protected for 1 year (> 55°N or 80 kLy). Film does not contain flame retardants. At shrinkage: the shrink process will commence above 100°C. It is recommended not to exceed 160°C on film surface during heat processing.

