

TECHNICAL DATA SHEET

KN-CD902-12UM-48G

2022 ver.

CUSTOMER	TYPE	THICKNESS	WIDTH	LENGTH	LOT
	CD902	12 μm 48 G	0.00 Inch	0 Ft	

Properties	Unit	Standard	Measured	Test Method
Average Thickness	μm	12.0±0.3	11.8	PHC Method
Tensile Strength_MD	kgf/mm²	28.0±5.0	25.5	ASTM D-882
Tensile Strength_TD	kgf/mm²	27.0±5.0	25.6	ASTM D-882
Elongation at Break_MD	%	135.0±30.0	138.3	ASTM D-882
Elongation at Break_TD	%	135.0±30.0	126.0	ASTM D-882
F-5 Value_MD	kgf/mm²	12.5±2.0	11.2	ASTM D-882
F-5 Value_TD	kgf/mm²	11.0±2.0	10.7	ASTM D-882
Heat Shrinkage_MD(200℃)	%	4.2±1.0	4.0	ASTM D-2305
Heat Shrinkage_TD(200℃)	%	0.0±1.0	0.0	ASTM D-2305
Friction Coefficient_uS	-	0.45±0.10	0.39	ASTM D-1894
Friction Coefficient_uK	-	0.45±0.10	0.43	ASTM D-1894
Haze	%	2.50±0.50	2.72	ASTM D-1003
Wetting Tension_In	dynes/cm	52±4	54	ASTM D-2578
Wetting Tension_Out	dynes/cm	52±4	54	ASTM D-2578