



TECHNICAL DATA SHEET

KN-CNRO3-25UM

2022 ver.

CUSTOMER	TYPE	THICKNESS	WIDTH	LENGTH	LOT
	CNR03	25 μm			

Properties	Unit	Standard	Measured	Test Method
Average Thickness	μm	25.0 $\pm$ 1.0	25.0	PHC Method
Tensile Strength_MD	kgf/mm ²	30.0 $\pm$ 6.0	31.2	ASTM D-882
Tensile Strength_TD	kgf/mm ²	33.0 $\pm$ 6.0	33.6	ASTM D-882
Elongation at Break_MD	%	150.0 $\pm$ 30.0	147.3	ASTM D-882
Elongation at Break_TD	%	130.0 $\pm$ 30.0	123.5	ASTM D-882
Modulus_MD(0.2kg)	kgf/mm ²	270.0 $\pm$ 60.0	276.0	ASTM D-882
Modulus_TD(0.2kg)	kgf/mm ²	230.0 $\pm$ 60.0	233.9	ASTM D-882
Heat Shrinkage_MD(100°C)	%	2.6 $\pm$ 0.8	3.1	ASTM D-2305
Heat Shrinkage_TD(100°C)	%	2.7 $\pm$ 0.8	2.6	ASTM D-2305
Friction Coefficient_uS	-	0.55 $\pm$ 0.15	0.57	ASTM D-1894
Friction Coefficient_uK	-	0.55 $\pm$ 0.15	0.57	ASTM D-1894
Haze	%	5.6 $\pm$ 1.0	5.44	ASTM D-1003
Wetting Tension_Out	%	52 $\pm$ 4	52	ASTM D-2578