



TECHNICAL DATA SHEET

KN-15UM-CNRO1

2022-03-02

CUSTOMER	TYPE	THICKNESS	WIDTH	LENGTH	LOT
	CNR01	15 μm			

Properties	Unit	Standard	Measured	Test Method
Average Thickness	μm	15.0±0.6	15.0	PHC Method
Tensile Strength_MD	kgf/mm ²	31.0±6.0	31.0	ASTM D-882
Tensile Strength_TD	kgf/mm ²	33.0±6.0	33.0	ASTM D-882
Elongation at Break_MD	%	140.0±30.0	140.0	ASTM D-882
Elongation at Break_TD	%	120.0±30.0	120.0	ASTM D-882
Modulus_MD(0.2kg)	kgf/mm ²	260±60	260.0	ASTM D-882
Modulus_TD(0.2kg)	kgf/mm ²	230±60	230.0	ASTM D-882
Heat Shrinkage_MD(100°C)	%	3.1±0.8	3.1	PHC Method
Heat Shrinkage_TD(100°C)	%	3.0±0.8	3.0	PHC Method
Friction Coefficient_uS	-	0.60±0.15	0.60	ASTM D-1894
Friction Coefficient_uK	-	0.60±0.15	0.60	ASTM D-1894
Haze	%	3.8±1.0	3.80	ASTM D-1003
Wetting Tension_Out	dyne/cm	52±4	52	ASTM D-2578