



Data Sheet
Date Prepared:

LLDPE WE100

YUCLAIR WE100 is 1-Butene copolymer. Good processibility make these resin an ideal choice for wire & cable. YUCLAIR WE100 contains metal deactivator. YUCLAIR WE100 has better processibility and physical properties than any other LLDPEs for W&C.

Application / Use Case

wire & cable / jacket for cable and wire

	Specification	Unit	Test Method
Density	0.919	g/cm ³	ASTM D792
Melt Index	2.8	g/10min	ASTM D1238

Physical Properties

	Specification	Unit	Test Method
Softening Point(Vicat)	102	°C	ASTM D1525
Tensile Strength at Yield	101	kg/cm ²	ASTM D882
Tensile Strength at Break	212	kg/cm ²	ASTM D882
Elongation at Break	790	%	ASTM D882
Volume resistivity	>1X10 ¹⁶	ohm-cm	ASTM D257
Brittleness Temperature	<-100	°C	ASTM D746

These are typical properties only, and are not to be construed as specific limits.

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