

# MK910

## Introduction

YUCLAIR MK910, high density linear polyethylene, is an ethylene-butene copolymer with narrow molecular weight distribution. MK910 performs well in a wide range of various fiber application with excellent spinnability and color stability.

Application / Use Case:

- Fiber / Bicomponent

## Properties

		Typical Values	Unit	Test Method
<b>Resin</b>	Density	0.956	g/cm <sup>3</sup>	ASTM D792
<b>Properties</b>	Melt index (2.16 kg @190°C)	20	g/10min	ASTM D1238
<b>Mechanical</b>	Tensile strength at Yield	255	kgf/cm <sup>2</sup>	ASTM D638 <sup>2</sup>
<b>Properties<sup>1</sup></b>	Izod impact strength (Notched, 23 °C)	6.0	kg.cm/cm	ASTM D256
<b>Thermal</b>	Vicat softening temperature	121	°C	ASTM D1525
<b>Properties</b>				

<sup>1</sup> Evaluated using Injection molded sample

<sup>2</sup> Crosshead speed: 50 mm/min

### Notes

These are **typical values** and are **not be construed as specifications**. The physical properties are highly dependent on the manufacturing conditions. So customers should confirm performances by their own tests.

