

LC100

Description

EOR(Ethylene-1-Octene copolymer)

POP(Polyolefin Plastomer)

Complies with FDA regulation 21 CFR 177.1520(c)(3.2c)

Application

Shoe sole, Wire & Cable, Packaging Films

Properties	Method	Condition	Unit	LC100
Physical				
MFI	ASTM D1238	190°C, 2.16kg load	g/10min	1.2
Density	ASTM D1505	Density-Gradient	g/cm ³	0.902
Mechanical				
Tensile Strength at break point	ASTM D638	500mm/min	MPa	38
Elongation at break point	ASTM D638	500mm/min	%	>600
Tear Strength	ASTM D624	Type C	kN/m	87
Flexural Modulus(MPa)	ASTM D790	Press sheet, 1% Secant	MPa	83
Hardeness(Shore A)	ASTM D2240	Shore A		91
Thermal				
Melting Temperature	LG Method	by DSC	°C	100
Glass Tansition Temperature	LG Method	by DSC	°C	-31

Note

The properties data in this table are typical values, and not guaranteed specification.

Typical resin property values are measured on a standard compression molded specimens.