



SHOBEIR SHIMI
WWW.SHOBEIRSHIMI.COM
info@shobeirshimi.com

POE LC565 LG

LUCENET™ LC565 is an ethylene-1-octene copolymer produced using LG Chem's metallocene polymerization catalyst and solution process technology. LC565 is an excellent impact modifier for plastics and offers unique performance capabilities for compounded products.

Producer	Applications
LG	General purpose thermoplastic elastomer for polymer modification Automotive interior/exterior, Shoe sole, Wire & Cable

Typical Properties			
Resin Properties	Unit	Typical Value	Test Method
Density	g/cm ³	0.865	ASTM D1505
MFR (190°C 2.16KG)	g/10min	5.0	ASTM D1238
Mooney Viscosity (ML1+4@121℄)	MU	8	ASTM D1646
Tensile Strength at Break	Mpa	1.8	ASTM D6383
Elongation at Break	-	>550	-
Tear Strength	kN/m	20	ASTM D624
Flexural Modulus 1% Secant	Mpa	8	ASTM D790
Hardness (Shore A)	-	54	ASTM D2240
Melting Temperature	°C	36	LG
Glass Transition Temperature	°C	-54	LG