Technical Datasheet: POE LC370

Product Description:

LC370 is an ethylene-1-octene copolymer produced using LG Cham's metallocene polymerization catalyst and solution process technology. This resin is an excellent impact modifier for plastics and offers unique performance capabilities for compounded products.

Applications:

General purpose thermoplastic elastomers, Polymer modification, Shoe Sole.

Typical data:

Property	Test method	Unit	value
Density	ASTM D 1505	g/cm³	0.870
Melt Mass-Flow Rata(MFR)(190°C/2.16kg)	ASTM D 1238	g/10min	3.0
Mooney Viscosity (ML 1+4@ 121°C)	ASTM D 1646	MU	13
Tensile Strength3 (Break)	ASTM D 638	MPa	8.00
Tensile Elongation3 (Break)	ASTM D 638	%	>900
Flexural Modulus, 1% Secant	ASTM D 790	MPa	14.0
Tear Strength 4	ASTM D 624	kN/m	39.0
Durometer Hardness (shore A)	ASTM D2240	-/td>	70
Glass Transition Temperature	Internal Method	ºC	-55.0
Melting Temperature(DSC)	Internal Method	ºC	57.0