

# LEB6550

## Polyolefin Elastomer

### General Information

#### Description

LEB6550 is an ethylene butene copolymer produced using the metallocene catalyst and Lotte Chemical's technology.

LEB6550 is designed to improve impact strength of plastics and offers softness and elasticity for compounded or blended products.

LEB6550 is recommended for products requiring low processing temperature.

#### Applications

- ◆ General purpose thermoplastic elastomers, Impact modification, Wire/Cable, Footwear

### Properties<sup>1)</sup>

Characteristics	Test Method	Value	Unit
<b>Physical</b>			
Melt Flow Index (2.16kg, 190°C)	ASTM D1238	5.0	g/10min
Density	ASTM D792	0.865	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Strength at Break	ASTM D638 <sup>2)</sup>	> 1.3	MPa
Elongation at Break	ASTM D638	> 600	%
Tear Strength	ASTM D624	> 10	kN/m
Hardness (Shore A)	ASTM D2240	43	-
<b>Thermal</b>			
Melting Point	Lotte Method	43	°C
Glass Transition Temperature	Lotte Method	- 65	°C

### NOTE

ISO 9001, 14001

<sup>1)</sup> Properties : These are not to be construed as specifications.

<sup>2)</sup> Speed of 500mm/min