

Introduction of **SM800**
New Generation Grade of Injection Molding



LUCENE™ Technology

- ✓ LUCENE SM800 is the up-to-date HDPE based on LG's proprietary Metallocene technology.

Characteristics & Advantages

- ✓ High fluidity and Easy processing
 - ▷ Benefits of lower processing temperature
 - ① Energy saving
 - ② Decrease in trouble (black spot, flow mark, etc)
 - ③ Increase in productivity : Reduced cycle time
- ✓ Improved stress cracking resistance (ESCR)

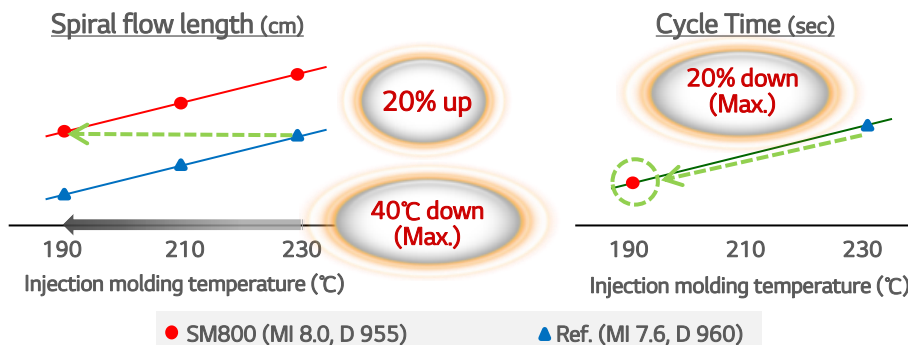
Application

- ✓ Caps & Closures for still mineral water and juice
- ✓ Cartridge & Pail



Spiral flow length

- ✓ Excellent processing performance
 - ▷ 20% higher flowability and low processing temperature (Max. 40°C)
- ✓ Shorter cycle time and cooling time (Max. 20%)



Crack resistance

- ✓ Better ESCR property
 - ▷ Potentiality of weight lightening

