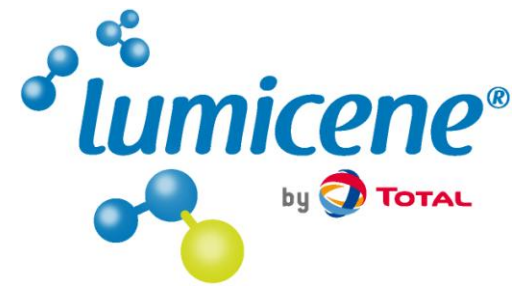




# TOTAL POLYPROPYLENE LUMICENE® RANDOM COPOLYMERS

Brightening the packaging world

# BENEFITS OF LUMICENE® TECHNOLOGY



## TOTAL POLYPROPYLENE LUMICENE® RANDOM COPOLYMERS

Based on proprietary Metallocene technology, **TOTAL Polypropylene Lumicene® Random copolymers** combine improved properties while allowing significant processing costs reductions.

### Higher rigidity

- Downgauging
- Reduced cooling time

### Superior food compatibility

- Lowest migration
- Excellent organoleptics
- Sterilization and pasteurization allowed
- Phthalate free

### Moulding productivity

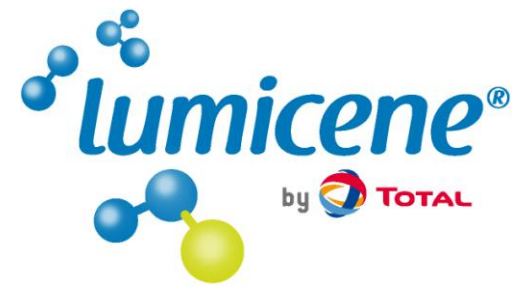
- Ultra high moulding precision and reproducibility
- Longer machine lifetime
- Lower reject rate

### Outstanding aesthetics

- Unmatched gloss and transparency



# BENEFITS OF LUMICENE® TECHNOLOGY



## Food safety & Aesthetics

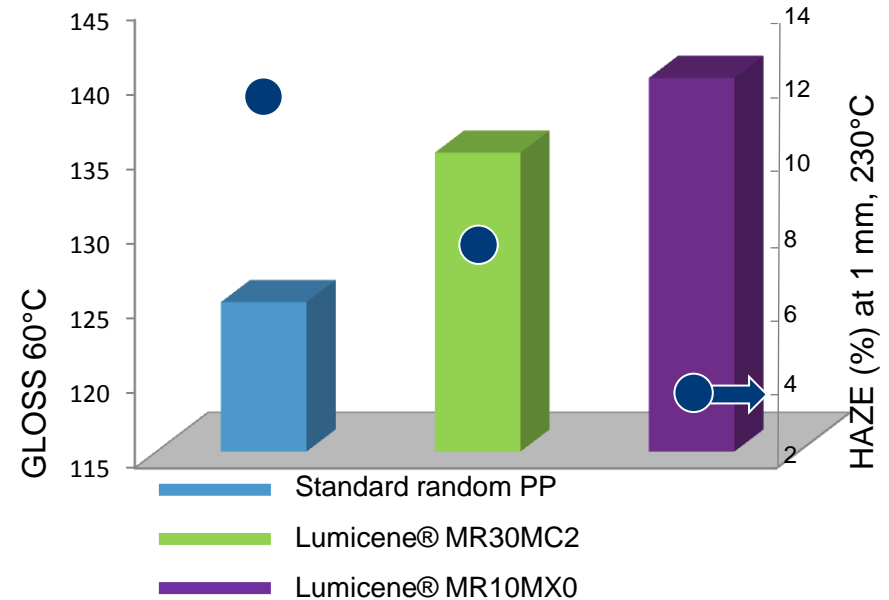
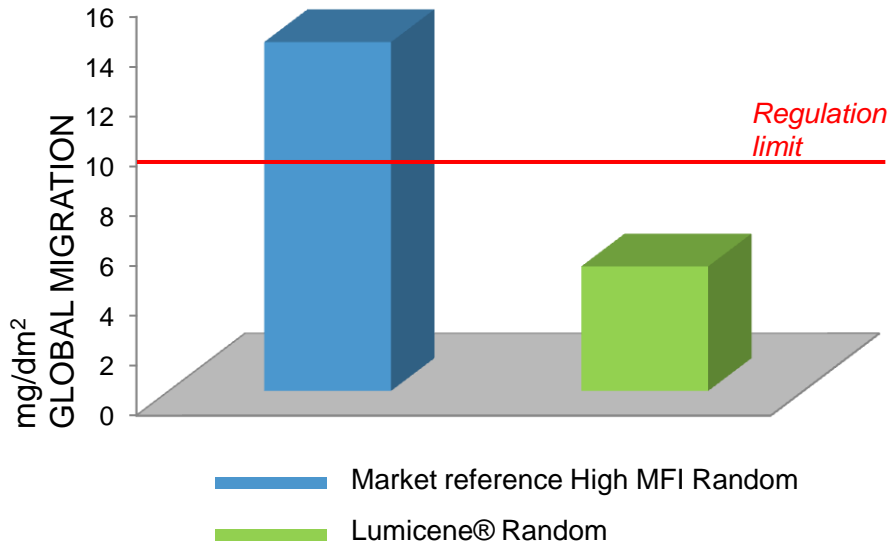
### Superior food compatibility

Ultra low extractables and best-in-class organoleptic properties give the TOTAL Polypropylene Lumicene® range the status of universal grade for food packaging from freezer to microwave.

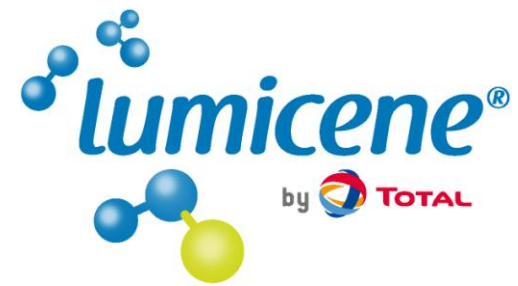
### Unmatchable gloss & transparency

TOTAL Polypropylene Lumicene® Random Copolymers are well known for their outstanding aesthetics. This property allows entering in markets like cosmetics, personal care, houseware and food packaging. TOTAL Polypropylene Lumicene® Random Copolymers are outstanding alternatives to glass and technical polymers.

### 2 hours 100°C, olive oil



# TOTAL POLYPROPYLENE LUMICENE® RANDOM COPOLYMERS



## Product range

Grade	MFI (2.16 Kg – 230°C) (g/10min)	Flexural Modulus (MPa)	Specific Features	Typical application
MR10MX0	10	1250	Ultra high transparency	Baby bottles, ISBM containers, films
MR30MC2	30	1250	High transparency	Caps and closures, medical devices
MR60MC2	60	1250	High transparency	Housewares and food packaging

**Product range covers a wide range of applications  
and add a new dimension to more traditional applications.**