



aceso®

MEDICAL POLYMERS by  TOTAL

ACESO® AND HEALTHCARE GRADES

For syringes

SYRINGES

Total's answer

The **Aceso® PP** homopolymer grades have been designed to fulfill the requirements of prefilled syringes while the **Lumicene® PP** random grades perfectly suit those of non-prefilled 3-part syringes.

Aceso® grades:

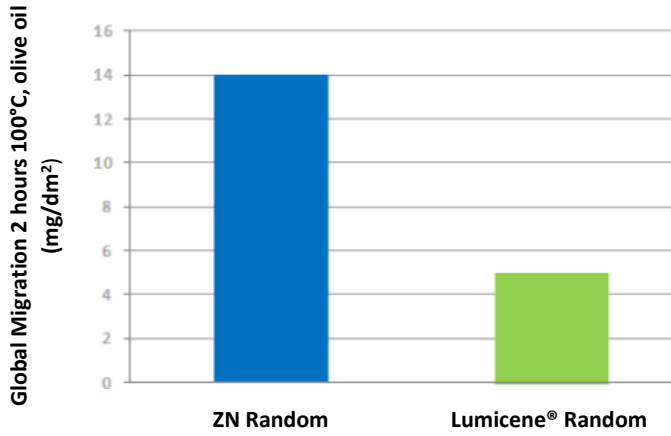
ACESO®	MELT INDEX* (230°C - 2.16kg)	FLEXURAL MODULUS MPa	CHARACTERISTICS
PPM H250	25 g/10'	1250	Drug Master File
PPM H350	35 g/10'	1500	

Lumicene® random polypropylene:

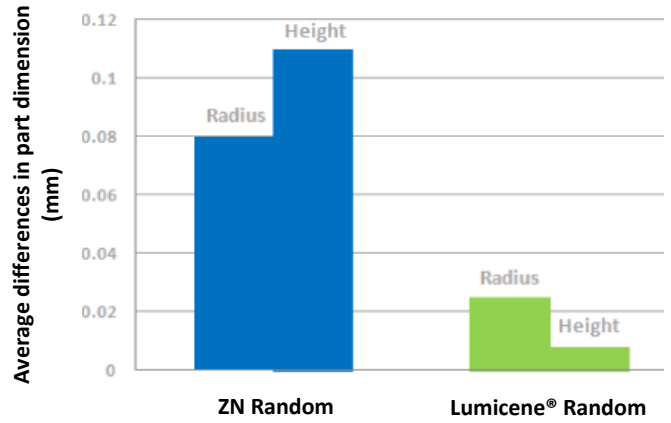
Lumicene®	MELT INDEX* (230°C - 2.16kg)	FLEXURAL MODULUS MPa	CHARACTERISTICS
MR30MC2	30 g/10'	1250	Behaves like a ZN 25 g/10'
MR60MC2	60 g/10'	1250	Behaves like a ZN 40 g/10'

WHAT TOTAL CAN OFFER

Lower migrations



Outstanding molding stability



Higher optics

