

REPETE MAX

Polyethylene Terephthalate

M&G; Gruppo Mossi & Ghisolfi

Message:

REPETE MAX Polyester Resin is a TPA-based polyethylene terephthalate copolymer resin targeted to have an average of 10 percent post-consumer recycle (PCR) content. It is a high molecular weight polymer with a 0.84 intrinsic viscosity (IV).

REPETE MAX Polyester Resin is designed with enhanced ability to absorb energy from the near infrared lamps used in most high-speed blow molding machines. The enhanced energy absorption can result in improved temperature control in the process, which in turn can lead to improved material distribution and bottle properties. This improvement may also lead to improved machine output or reduced energy consumption.

REPETE MAX Polyester Resin is the latest generation heat up graded designed to provide highly desirable container properties. These include high clarity and sparkle, high strength and toughness, and good barrier properties.

General Information		
Features	Ultra high toughness	
	High molecular weight	
	High strength	
	Copolymer	
	Definition, high	
	Barrier resin	
Uses	Bottle	
	Container	
Forms	Particle	
Processing Method	Blow molding	
Thermal	Nominal Value	Unit
Melting Temperature	248	°C
Additional Information		

Post-consumer recycle content, Mass balance, +/- 2: 10%Intrinsic viscosity (I.V.), SMS 2867, +/- 0.02: 0.84 dl/gAcetaldehyde content, SMS 2791: 1.6 ppm
Max.Colour (L* value), SMS 2789: 70 Min.Colour (b* value), SMS 2789: 1 Max.Melting point, SMS 2844: 248°CForeign particles, Visual Detection: None

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Recommended distributors for this material

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