

# CLEARTUF TURBO II

Polyethylene Terephthalate

M&G; Gruppo Mossi & Ghisolfi

Message:

CLEARTUF TURBO II Polyester Resin is a TPA-based polyethylene terephthalate copolymer resin specially designed for use in producing bottles for the mineral water market. It is a low molecular weight polymer with a 0.74 intrinsic viscosity (IV).  
CLEARTUF TURBO II Polyester Resin is designed to provide highly desirable container properties, including clarity, sparkle, and good color. CLEARTUF TURBO II Polyester Resin is designed with a special catalyst and stabilizer system that offers property retention during processing. This superior stability also enables use of the required drying conditions without affecting color or molecular weight. CLEARTUF TURBO II Polyester Resin also can be processed at lower temperatures compared to other typical bottle grades.

General Information		
Additive	Processing stabilizer	
Features	Low molecular weight	
	Copolymer	
	Good processing stability	
	Good coloring	
	Definition, high	
Uses	Bottle	
	Container	
Forms	Particle	
Thermal	Nominal Value	Unit
Melting Temperature	248	°C
Additional Information		
Intrinsic viscosity (I.V.), SMS 2867, +/- 0.02: 0.74 dl/gAcetaldehyde content, SMS 2791: 1.2 ppm Max.Colour (L* value), SMS 2789: 70 Min.Colour (b* value), SMS 2789: 0 Max.Melting point, SMS 2844: 248°CForeign particles, Visual Detection: None		
Injection	Nominal Value	Unit
Drying Temperature - Desiccant Dryer	177	°C
Drying Time - Desiccant Dryer	4.0 - 6.0	hr
Dew Point - Desiccant Dryer	-29.0	°C
Suggested Max Moisture	3.0E-3	%
Processing (Melt) Temp	258 - 278	°C
Injection instructions		
Blow molding processing temp: 90° to 105°C more than melting point		

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Recommended distributors for this material

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