

Lighter™ VIRIDIS 98

Polyethylene Terephthalate

Equipolymers

Message:

LIGHTER™ VIRIDIS 98 is a polyester polymer modified to improve infrared reheating of preforms and containing up to 10% recycled PET, deriving from a chemical recycling process.

LIGHTER VIRIDIS 98 provides very good mechanical properties and a wide processing range on all injection molding machines. Moreover, preforms manufactured from LIGHTER VIRIDIS 98 provide enhanced infrared heating rates, thus improving the operation of the stretch blow molding process, either increasing the maximum output or reducing the reheat energy. LIGHTER VIRIDIS 98 is particularly suitable for the production of bottles for carbonated soft drinks.

General Information	
Recycled Content	Yes, 10%
Uses	Beverage Containers
	Bottles
	Food Containers
Forms	Pellets
Processing Method	Injection Molding
	Stretch Blow Molding

Physical	Nominal Value	Unit	Test Method
Apparent Density	0.88	g/cm ³	Internal Method
Moisture Content	< 0	ppm	Internal Method
Acetaldehyde	< 1.0	ppm	Internal Method
Crystallinity	> 50	%	Internal Method
Intrinsic Viscosity	0.82 to 0.86	dl/g	Internal Method
Weight - 100 Granules	1.5	g	Internal Method
Color Coordinate - b	< 2.00		Internal Method
Fine Particles	< 500	ppm	Internal Method
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	78.0	°C	Internal Method
Melting Temperature (DSC)	247	°C	Internal Method

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Recommended distributors for this material

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