

AMERICOLENE® BC210-APT

AMERICOLENE

CRYSTALLINE POLYETHYLENE TEREPHTHALATE (PET)

DESCRIPTION

BC210-APT is a crystalline, high molecular weight thermoplastic polymer made by continuous melt-phase polymerization process followed by solid-state polymerization. BC210-APT is especially formulated bottle grade PET characterized by medium IV.

TYPICAL APPLICATIONS BC210-APT

is especially suitable for the production of bottles for carbonated drinks in temperate climates. It can also be used for bottles for general packaging applications, e.g. edible oil & thermoformed packaging.

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
PHYSICAL PROPERTIES			
Intrinsic Viscosity	0.8 ± 0.02	dl/g	AMERICOLENE method
DEG Content	<1.5	Wt. %	AMERICOLENE method
Crystalline Density	<1390	kg/m ³	AMERICOLENE method
Moisture Content (1)	<0.35	Wt. %	AMERICOLENE method
POLYMER PROPERTIES			
Acetaldehyde (2)	<1	ppm	AMERICOLENE method
Color (L)	89 ± 4.0	L-value	IRC 0051
Color (b)	-1.5 ± 2.0	b-value	IRC 0051
Dust Content	<0.01	Wt. %	AMERICOLENE method
Bulk Density	850 ± 10	kg/m ³	ASTM D1895

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