



TECHNICAL DATASHEET

PET BC211

CRYSTALLINE POLYETHYLENE TEREPHTHALATE (PET)

DESCRIPTION

BC211 is a crystalline, high molecular weight thermoplastic polymer made by continuous melt-phase polymerization process followed by solid-state polymerization. BC211 is especially formulated bottle grade PET characterized by low I.V., and low acetaldehyde generation during melting.

TYPICAL APPLICATIONS

BC211 is especially suitable for the production of bottles for water and can be used for non-carbonated and other packaging applications.

TYPICAL PROPERTY VALUES

Revision
20210812

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
PHYSICAL PROPERTIES			
Intrinsic Viscosity ⁽¹⁾	0.76 ± 0.02	dl/g	SABIC method
DEG Content	<1.5	Wt. %	SABIC method
Crystalline Density	<1390	kg/m ³	SABIC method
Moisture Content	<0.35	Wt. %	SABIC method
POLYMER PROPERTIES			
Acetaldehyde	<1	ppm	SABIC 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. %	SABIC method
Bulk Density	850 ± 10	kg/m ³	ASTM D1895



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