ESENTTIA 06C30DA

Polypropylene Impact Copolymer

Polipropileno del Caribe S.A.

Message:

Characteristics: Control reologhy Impact block copolymer polypropylene; excellent impact/stiffness balance; consistent processability lot to lot; high process speed and easy removal of the molded pieces; good superficial gloss; moderately narrow molecular weight distribution; with mold release and antistatic additive.
Recommended for: Extrusion compression molding or injection molding processes of closures for carbonated beverages or not, where high stiffness and impact resistance is necessary (warm or cold environmental); housewares; injection molding general purpose applications.

General Information	
Additive	Antistatic
	Mold Release
Features	Antistatic
	Block Copolymer
	Controlled Rheology
	Fast Molding Cycle
	Food Contact Acceptable
	General Purpose
	Good Mold Release
	High Impact Resistance
	High Stiffness
	Medium Gloss
	Narrow Molecular Weight Distribution
Uses	Closures
	General Purpose
	Household Goods
Agency Ratings	EC 1907/2006 (REACH)
	EC 1935/2004
	EC 2023/2006
	EU 10/2011
	FDA 21 CFR 177.1520(a)(3)(i)(c)(1)
	FDA 21 CFR 177.1520(b)
	FDA 21 CFR 177.1520(c) 3.1a
Forms	Pellets
Processing Method	Compression Molding
	Extrusion

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) [1] (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [2] (Yield, 3.20 mm, Injection Molded)	30.3	MPa	ASTM D638
Tensile Elongation [3] (Yield, 3.20 mm, Injection Molded)	6.3	%	ASTM D638
Flexural Modulus - 1% Secant [4] (3.20 mm, Injection Molded)	1520	MPa	ASTM D790A
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C, 3.20 mm, Injection Molded)	110	J/m	ASTM D256A
Gardner Impact [5] (23°C, 3.20 mm, Injection Molded)	28.2	J	ASTM D5420

NOTE	
1.	Procedure B
2.	Type I, 50 mm/min
3.	Type I, 50 mm/min
4.	Type I, 1.3 mm/min
5.	Method A

Recommended distributors for this material

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