

# ESENTTIA 07R87DB

Polypropylene Random Copolymer

Polipropileno del Caribe S.A.

Message:

Characteristics: High ethylene control reology Random copolymer polypropylene; high cleanness and lot to lot uniformity; very good optical properties and gauge control; with slip and antiblock additives.  
Recommended for: Cast and TWQ Films heat seal co-extruded layer; conventional film properties modifier; injection molding general purpose applications.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Clean/High Purity		
	Controlled Rheology		
	Food Contact Acceptable		
	General Purpose		
	Good Gauge Control		
	Opticals		
	Random Copolymer		
	Slip		
Uses	Cast Film		
	Film		
	General Purpose		
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	Cast Film		
	Coextrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method

Melt Mass-Flow Rate (MFR) <sup>1</sup> (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield, 3.20 mm, Injection Molded)	20.0	MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Yield, 3.20 mm, Injection Molded)	14	%	ASTM D638
Flexural Modulus - 1% Secant <sup>4</sup> (3.20 mm, Injection Molded)	621	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm, Injection Molded)	75	J/m	ASTM D256A
NOTE			
1.	Procedure B		
2.	Type I, 50 mm/min		
3.	Type I, 50 mm/min		
4.	Type I, 1.3 mm/min		

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#### Recommended distributors for this material

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