

# ESENTTIA 25C35-EC

Polypropylene Impact Copolymer

Polipropileno del Caribe S.A.

Message:

Characteristics: Controlled rheology polypropylene homopolymer, medium molecular weight distribution, with high fluidity, with special additives for use on thin coatings at high line speeds to obtain excellent uniformity and adhesion, low neck-in, and thinning (draw-drown) and good properties. Recommended for: Extrusion coating of raffia, paper and other substrates, aluminum and paper laminating.

General Information			
Additive	Unspecified Additive		
Features	Block Copolymer		
	Controlled Rheology		
	Food Contact Acceptable		
	Good Adhesion		
	High Flow		
	Low Neck-In		
Uses	Med.-Wide Molecular Weight Distrib.		
	Coating Applications		
	Laminates		
	Paper Coatings		
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)		
Forms	FDA 21 CFR 177.1520(c) 3.1a		
	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) <sup>1</sup> (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield, 3.20 mm, Injection Molded)	29.0	MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Yield, 3.20 mm, Injection Molded)	9.5	%	ASTM D638
Flexural Modulus - 1% Secant <sup>4</sup> (3.20 mm, Injection Molded)	1170	MPa	ASTM D790A

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm, Injection Molded)	40	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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