ESENTTIA 35R80

Polypropylene Random Copolymer

Polipropileno del Caribe S.A.

Message:

Characteristics: Control reologhy high melt flow rate narrow molecular weight distribution Random copolymer polypropylene; lot to lot consistency, with special additives package and high cleanness, to get stable spinning processability in low denier fiber.
Recommended for: Non woven soft touch fabrics Spunbond process; melt spinning of low denier fibers where it is necessary this properties; extrusion coating of raffia woven fabrics; injection molding general purpose applications.

General Information	
Additive	Unspecified Additive
Features	Clean/High Purity Controlled Rheology Food Contact Acceptable General Purpose High Flow Narrow Molecular Weight Distribution Random Copolymer
Uses	Fabrics Fibers General Purpose Soft Touch Applications Spunbond Nonwovens
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	Extrusion Coating Fiber (Spinning) Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) [1] (230°C/2.16 kg)	33	g/10 min	ASTM D1238

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength [2] (Yield, 3.20 mm, Injection Molded)	25.5	MPa	ASTM D638
Tensile Elongation [3] (Yield, 3.20 mm, Injection Molded)	13	%	ASTM D638
Flexural Modulus - 1% Secant [4] (3.20 mm, Injection Molded)	814	MPa	ASTM D790A
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C, 3.20 mm, Injection Molded)	45	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		

Recommended distributors for this material

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