

ESENTTIA 03H82NA-TAR

Polypropylene Homopolymer

Polipropileno del Caribe S.A.

Message:

Characteristics: High crystallinity homopolymer polypropylene with excellent mechanical properties and color, stable processability, antistatic and nucleant additives.

Recommended for: Manufacture of thermoformed containers (tubs), yogurt containers and packaging and high rigidity disposable dishes, injection appliances, hot filling, and also for extrusion and injection of general purpose items where require these features.

General Information	
Additive	Antistatic Nucleating Agent
Features	Antistatic Food Contact Acceptable General Purpose Good Processing Stability High Rigidity Highly Crystalline Homopolymer Nucleated
Uses	Appliances Containers Food Containers General Purpose Packaging
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 Injection Molding Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) ¹ (230°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield, 3.20 mm, Injection Molded)	39.3	MPa	ASTM D638
Tensile Elongation ³ (Yield, 3.20 mm, Injection Molded)	6.5	%	ASTM D638
Flexural Modulus - 1% Secant ⁴ (3.20 mm, Injection Molded)	2070	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm, Injection Molded)	37	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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