

Valtec HG619N

Polypropylene Homopolymer

INDELPRO, S.A. de C.V.

Message:

Valtec HG619N is a homopolymer nucleated for faster crystallization, features antistatic properties, designed for injection molding and compounds. The base resin in this product meets the requirements of the FDA contained in the Code of Federal Regulations in 21 CFR 177.1520.

Features:

Shorter molding cycle

Antistatic properties

Good rigidity

Good processability

Typical Applications:

Thin-wall containers

Houseware

Polymer concentrates

Masterbatch additives

General Information	
Additive	Nucleating agent
Features	Good Rigidity
	Nucleated
	Homopolymer
	Antistatic property
	Workability, good
Uses	Thin wall container
	Composite
	Household goods
	Masterbatch
Agency Ratings	FDA 21 CFR 177.1520
Forms	Particle
Processing Method	Composite
	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	38.0	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	1600	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	115	°C	ASTM D648

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