

Valtec HG009

Polypropylene Homopolymer

INDELPRO, S.A. de C.V.

Message:

Valtec is the new controlled morphology polypropylene manufactured by Indelpro using the Spheripol process. Compared to ordinary pelletized polypropylene, Valtec could present advantages in terms of improved productivity, better processing and lower energy consumption. Valtec HG009 is a homopolymer particularly suitable for general purpose injection molding.

The base resin in this product meets the requirements of the U.S. Food and Drug Administration (FDA) contained in the Code of Federal Regulations in 21 CFR 177.1520.

General Information			
Features	Food Contact Acceptable		
	General Purpose		
	Good Processability		
	High Gloss		
	Homopolymer		
Uses	Caps		
	Closures		
	Containers		
	Cosmetic Packaging		
	Household Goods		
	Pharmaceutical Packaging		
	Safety Equipment		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	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)	6.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.0	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1480	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)	88.9	°C	ASTM D648

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