

# Valtec HS005M

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 HS005M is a homopolymer particularly suitable for general purpose extrusion.

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 Melt Stability
	High Tensile Strength
	Homopolymer
Uses	General Purpose
	Monofilaments
	Sheet
	Strapping
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Extrusion
	Sheet Extrusion
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.9	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1430	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	30	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	107	°C	ASTM D648

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