

Valtec HS013

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 HS013 is a homopolymer particularly suitable for the extrusion of staple fibers, multifilaments, decorative ribbons and 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			
UL YellowCard	E150109-223710		
Features	Food Contact Acceptable		
	General Purpose		
	Good Chemical Resistance		
	Good Processability		
	High Rigidity		
	Homopolymer		
Uses	Solvent Resistant		
	Fibers		
	Filaments		
	General Purpose		
	Ribbons		
	Staple Fibers		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	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)	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45
MPa, Unannealed)

100

°C

ASTM D648

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