

# SPHERTEC® 3

Polypropylene Homopolymer

INDELPRO, S.A. de C.V.

## Message:

SPHERTEC 3 is a polypropylene homopolymer particularly suitable for extrusion of raffia and monofilaments.  
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:
- Good processability
  - Low water carryover for raffia
  - Good melt stability
- Typical Applications:

- Raffia
- Filaments
- Cords and ropes
- Injected articles

General Information			
Features	High melt stability		
	Homopolymer		
	Workability, good		
	Low water portability		
Uses	Rope		
	Filament		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Extrusion		
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)	3.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus	1320	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	21	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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