

AXLENE® 12

Polypropylene Homopolymer

INDELPRO, S.A. de C.V.

Message:

AXLENE12 is a homopolymer of propylene for general purposes; it is designed for injection machines. The base resin in this product meets the requirements of the US Food and Drug Administration (FDA) contained in the Code of Federal Regulations in 21 CFR 177.1520.

Features:

High rigidity

Good process stability

Good dimensional stability

Typical Applications:

General injection

Housewares

Containers

General Information			
Features	Good dimensional stability		
	Rigidity, high		
	Homopolymer		
	Good processing stability		
Uses	Household goods		
	Container		
	General		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792A
Melt Mass-Flow Rate (MFR)	12	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	1300	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	33	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	103	°C	ASTM D648

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

