

Trithene® JX 7300

Low Density Polyethylene

Petroquimica Triunfo

Message:

Trithene® JX 7300 is a low density polyethylene material. This product is available in Latin America and is processed by injection molding.

Trithene® The main features of JX 7300 are:

accessible food

Rapid Prototyping Cycle

Good flexibility

Typical application areas include:

engineering/industrial accessories

Consumer goods

food contact applications

General Information			
Features	Fast molding cycle Good flexibility Compliance of Food Exposure		
Uses	Thin wall parts Toys		
Agency Ratings	ANVISA n°105/99 ASTM D 1248, I, Class A, Cat. 1 FDA 21 CFR 177.1520(c) 2.1		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.917	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, molding	9.00	MPa	ASTM D638
Fracture, molding	7.00	MPa	ASTM D638
Tensile Elongation (Break, Compression Molded)	120	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	78.0	°C	ASTM D1525
Melting Temperature	108	°C	
Additional Information			
Melt Mass-Flow Rate, ASTM D1238, 190°C/2.16 kg: 25 to 35 g/10 min Density, ASTM D1505: 0.915 to 0.919 g/cm ³			

Injection	Nominal Value	Unit
Rear Temperature	150 - 170	°C
Middle Temperature	170 - 210	°C
Mold Temperature	25.0 - 45.0	°C

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Recommended distributors for this material

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

