

Trithene® SX 9003

Medium Density Polyethylene

Petroquimica Triunfo

Message:

Trithene® SX 9003 is a medium density polyethylene material. This product is available in Latin America and is processed by blow molding.

Trithene® The main features of SX 9003 are:

chemical resistance

high molecular weight

Good processability

Hard

sterilizable

Typical application areas include:

bottle

medical/health care

General Information			
Features	Rigidity, high		
	High molecular weight		
	Good disinfection		
	Solvent resistance		
	Workability, good		
	Good chemical resistance		
	Thermal stability, good		
Uses	Bottle		
	Medical/nursing supplies		
Agency Ratings	ASTM D 1248, II, Class A, Cat. 5		
Forms	Particle		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Density	0.929	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, molding	13.5	MPa	ASTM D638
Fracture, molding	17.0	MPa	ASTM D638
Tensile Elongation (Break, Compression Molded)	550	%	ASTM D638
Thermal	Nominal Value	Unit	
Melting Temperature	116	°C	
Additional Information			
Melt Mass-Flow Rate, ASTM D1238, 190°C/2.16 kg: 0.25 to 0.35 g/10 minDensity, ASTM D1505: 0.928 to 0.930 g/cm ³			

Injection	Nominal Value	Unit
Rear Temperature	150 - 180	°C
Middle Temperature	150 - 180	°C
Front Temperature	150 - 180	°C
Injection instructions		

Processing parameters are for blow molding.

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

