

ExxonMobil™ PP9122

Polypropylene Random Copolymer

ExxonMobil Chemical

Message:

A random copolymer resin used for extrusion blow molding occasions and thermoforming of medical and other special equipment and packaging. It has excellent sensory properties and low content of heterometallic.

General Information	
Features	Pure/High Purity
	Low extract
	Pressure cooker disinfection
	Ethylene oxide disinfection
	The smell is low to none
	Disinfect with steam
Uses	Packaging
	Shield
	Laboratory apparatus
	Shell
	Medical/nursing supplies
	Medical packaging
Appearance	Natural color
Forms	Particle
Processing Method	Blow molding
	Extrusion
	Extrusion blow molding
	Sheet extrusion molding
	Thermoforming
	Profile extrusion molding
	Injection blowing molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.1	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	28.5	MPa	ASTM D638
Tensile Elongation ² (Yield)	13	%	ASTM D638
Flexural Modulus - 1% Secant			
-- ³	972	MPa	ASTM D790A
-- ⁴	1140	MPa	ASTM D790B

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	68	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	81.6	°C	ASTM D648

Legal statement

有关潜在食品接触应用合规信息(例如:FDA,EU,HPFB),请与埃克森美孚化工客户服务代表联系.未经埃克森美孚化工书面允许,这种产品包括其产品名称,不得在任何医疗应用领域予以使用或

NOTE

- | | |
|----|------------|
| 1. | 51 mm/min |
| 2. | 51 mm/min |
| 3. | 1.3 mm/min |
| 4. | 13 mm/min |

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

