

TOTAL Polypropylene PPR 7238

Polypropylene Random Copolymer

TOTAL Refining & Chemicals

Message:

Impact Strength. TOTAL Polypropylene 7238 offers excellent impact strength, clarity and gloss.

Lubricated. TOTAL Polypropylene 7238 offers superior core rod release for ease in processing.

High Purity. TOTAL Polypropylene 7238 features minimum taste and odor, and optimum thermal stability for superior color and processability.

Regulatory. TOTAL Polypropylene 7238 has passed USP Class VI testing and complies with all applicable FDA regulations for food contact applications.

Recommended Applications. TOTAL Polypropylene 7238 is recommended for blow molded containers for food, drug, cosmetic and toiletry applications requiring superior impact strength and clarity.

General Information			
Features	Antistatic		
	Food Contact Acceptable		
	Good Colorability		
	Good Impact Resistance		
	Good Processability		
	Good Thermal Stability		
	High Clarity		
	High Gloss		
	Low to No Odor		
	Low to No Taste		
	Random Copolymer		
Uses	Blow Molding Applications		
	Containers		
	Food Containers		
Agency Ratings	FDA Food Contact, Unspecified Rating		
	USP Class VI		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	965	MPa	ASTM D638
Tensile Strength	24.8	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus	827	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method

Oxygen Transmission Rate (23°C)	240	cm ³ /100 in ² /mil/24 hr/atm	ASTM D1434
Water Vapor Transmission ¹	0.600	g/mil/100 in ² /24 hr	ASTM E96
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	87.8	°C	ASTM D648
Melting Temperature	143	°C	DSC
NOTE			

1. 90% RH

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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

