

TOTAL Polypropylene PPH 3230XZ

Polypropylene Homopolymer

TOTAL Refining & Chemicals

Message:

TOTAL Petrochemicals Polypropylene 3230XZ offers superior core rod release.
3230XZ offers antistat to aid in core rod release and filling.
3230XZ features minimum taste and odor, and optimum thermal stability for superior color and processability.
3230XZ complies with all applicable FDA regulations and may be used under these provisions for food contact and packaging.
3230XZ is ideal for food, cosmetic and pharmaceutical injection blow molded containers.

General Information			
Additive	Antistatic		
	Lubricant		
Features	Antistatic		
	Food Contact Acceptable		
	Good Colorability		
	Good Processability		
	Good Thermal Stability		
	Low to No Odor		
	Low to No Taste		
	Lubricated		
Uses	Food Containers		
	Pharmaceuticals		
Agency Ratings	EC 1907/2006 (REACH)		
	EU 2002/96/EC (WEEE)		
	EU 2003/11/EC		
	EU 76/769/EC		
	EU 94/62/EC		
	FDA Unspecified Rating		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1380	MPa	ASTM D638

Tensile Strength (Yield)	33.1	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	1170	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Oxygen Permeability (23°C)	240	cm ³ /100 in ² /mil/24 hr/atm	ASTM D1434
Water Vapor Transmission ¹ (38°C)	0.450	g/mil/100 in ² /24 hr	ASTM E96
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	121	°C	ASTM D648
Melting Temperature	165	°C	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	199 to 232	°C	
NOTE			

1. 90% RH

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