

TOTAL Polypropylene PPH 3230

Polypropylene Homopolymer

TOTAL Refining & Chemicals

Message:

TOTAL Polypropylene 3230 offers superior core rod release, eliminating the need for additional lubricant.
TOTAL Polypropylene 3230 features minimum taste and odor, and optimum thermal stability for superior color and processability.
TOTAL Polypropylene 3230 complies with all applicable FDA regulations and may be used under these provisions for food contact and packaging.
TOTAL Polypropylene 3230 is ideal for food, cosmetic and pharmaceutical injection blow molded containers.

General Information			
Additive	Lubricant		
Features	Workability, good		
	The smell is low to none		
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	Thermal stability, good		
	Lubrication		
	Compliance of Food Exposure		
Uses	Container		
	Food container		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Processing Method	Injection blowing 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)	1.6	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1380	MPa	ASTM D638
Tensile Strength	33.1	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	1170	MPa	ASTM D790
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	166	°C	DSC
Additional Information			

Blow Molding Melt Temperature: 380 to 480°F Oxygen Transmission, ASTM D1434, 73°F: 240 cc/100in²mil/day/atm WVTR, ASTM E96, 100°F, 90% RH: 0.45 g/mil/100in²/day

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