

Total PPH 3230 Polypropylene, Blow Molding Grade

Category : Polymer , Film , Thermoplastic , Polypropylene (PP) , Polypropylene, Blow Molding Grade

Material Notes:

Homopolymer blow molding gradeLubricated - Fina 3230 offers superior core rod release, eliminating the need for additional lubricant.High Purity - Fina 3230 features minimum taste and odor and optimum thermal stability for superior color and processability.FDA - Fina 3230 complies with all applicable FDA regulations and may be used under these provisions for food contact and packaging.Recommended Applications - Fina 3230 is ideal for food, cosmetic and pharmaceutical injection blow molded containers.Processing - Fina 3230 resin processes on conventional blow molding equipment with typical melt temperatures of 390-450°F (199-232°C)Data provided by the manufacturer, Total Petrochemicals.Total Petrochemicals acquired former Fina and Atofina plastics product lines.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPH-3230-Polypropylene-Blow-Molding-Grade.php

Physical Properties	Metric	English	Comments
Water Vapor Permeability	7.10 g mil/ (m ² day) @Temperature 37.8 °C	0.458 g mil/ (100 in ² day) @Temperature 100 °F	90% RH; ASTM E96
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D1505
Melt Flow	1.6 g/10 min	1.6 g/10 min	ASTM D1238L

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	33.1 MPa	4800 psi	ASTM D638
Elongation at Break	8.0 %	8.0 %	ASTM D638
Modulus of Elasticity	1.38 GPa	200 ksi	ASTM D638
Flexural Modulus	1.17 GPa	170 ksi	ASTM D790
Izod Impact, Notched	0.374 J/cm	0.701 ft-lb/in	ASTM D256A
Dart Drop	9.40 g/micron	239 g/mil	F₅₀; ASTM D 1709

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	DSC
Deflection Temperature at 0.46 MPa (66 psi)	121 °C	250 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	199 - 232 °C	390 - 450 °F	blow molding

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