

Total PPR 3230XZ Polypropylene, Blow Molding Grade

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

Material Notes:

Homopolymer Blow Molding Grade Lubricated – FINA 3230XZ offers superior core road release, eliminating the need for additional lubricant. Antistat – FINA 3230XZ contains antistat to minimize dust accumulation for shelf cleanliness as well as to aid in mold release. High Purity – FINA 3230XZ features minimum taste and odor, and optimum thermal stability for superior color and processability. FDA – FINA 3230XZ complies with all applicable FDA regulations and may be used under these provisions for food contact and packaging. Recommended Applications -- Fina 3230XZ is ideal for food, cosmetic and pharmaceutical injection blow molded containers. Processing – FINA 3230XZ resin processes on conventional blow molding equipment with typical melt temperatures of 380-480°F (193-249°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-PPR-3230XZ-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	1.8 g/10 min	1.8 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	F _{>50} ; 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
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Melt Temperature
Processing Properties

193 - 249 °C
Metric

379 - 480 °F
English

Blow molding
Comments

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China