Braskem Idealis

Data Sheet
Revisão 10 (Jul / 18)

Ultra High Molecular Weight Polyethylene IDEALIS500

Description:

Braskem Idealis500 is the only Very High Molecular Weight Polyethylene resin in powder form specially designed for the compression molding process.

Applications:

Technical parts

Physical Properties

Characteristic	Method	Units	Values
Intrinsic Viscosity	ASTM D4020	dL/g	4.7
Average Molecular Weight	Internal	g/mol	5.5x105
Density	5.5x105	g/cm3	0.952
Bulk Density	ASTM D1895	g/cm3	0.45
Average Particle Size Dp50	ASTM D1921	µm	195

Final Remarks

1. It is the sole responsibility of the Client/Purchaser of this Product to verify the suitability of this Product and its use for the intended use and to ensure compliance with legal and regulatory requirements applicable to the final product.
2. The technical guidance eventually rendered to the Client/Purchaser of the Product by Braskem about the Product does not characterize a performance guarantee for the intended application, nor does it exempt the Client/Purchaser from the responsibilities described in item 1 above.
3. Any application information about the Product does not mean that Braskem knows or has validated the productive process of the Client/Purchaser or the adequacy of the Product for the intended application. All warranties of merchantability or fitness for a particular purpose, express or implied, are expressly excluded.
4. The information provided herein is of the date hereof and Braskem may update, revise or amend the information contained herein at any time and without previous notice. The Client/Purchaser shall consult www.braskem.com to verify any updates to this information.
5. For regulatory information associated with the Product and its source, please consult the Regulatory Information Sheet (RIS). For other requests, please contact Braskem's Technical Services area.
6. The information contained herein is provided based on the best of Braskem's knowledge, indicating typical values of the properties of the Product, and such values shall not be considered absolute or as a guarantee.