



Datasheet
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

Feature	Method	Units	Values
Intrinsic Viscosity	ASTM D4020	dL/g	4.7
Average Molecular Weight	Internal	g/mol	5.5x10 ⁵
Density	5.5x10 ⁵	g/cm ³	0.952
Bulk Density	ASTM D1895	g/cm ³	0.45
Average Particle Size Dp50	ASTM D1921	µm	195