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POWER® -Z800

Product Description

POWER®- Z800 is highly filled calcium carbonate containing concentrate with particular particle size, whiteness and loading. It can be used in PE and PP.

MAIN ADVANTEGES OF POWER®- Z800 :

- Less blocking and better slip properties
- Better bubble stability resulting in increased output especially with LLDPE
- Faster heat sealing through better thermal conductivity and higher stiffness
- Improved Falling Dart Impact strength
- Easier printing
- Cleaner extruders
- Delustring agent
- Antifibrilating agent in PP stretched tapes (used at 2-3%)

General

Material status:	• Comercial: Active		
Uses:	• Compound		
Appearance:	• Natural Color	• White	
Forms:	• Pellets		
Processing Method:	• Blown & Cast Film	• Sheet Extrusion	• Blow Molding
	• Raffia	• Injection Molding	• Compounding

Physical	Nominal Value (SI)	Test Method
Additive Content (Calcium Carbonate)	(80±1)%	ASTM D5630
Moisture Content	≤1500 ppm	ISO 760
Specific Gravity	1.932 g/cm^3	ASTM D799
Bulk Density	960 kg/m^3	ASTM D1895
Melt Flow Rate (190°c/5.0 kg)	0.75±0.05 g/10min	ASTM D1238
Average Particle Size	<4.0 µm	ASTM D1921-18

Packaging & Storage

POWER®- Z800 is packed in 25 kg bags on shrink-wrapped 1000 kg pallets. It can be stored up to maximum 12 months at 25°C for optimum performance. Higher temperatures might reduce storage time considerably.

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