



Exelene[®] LDPE

Product Data Sheet

8000

Melt Flow Rate **8**

Density **0.918**

**Low Density Polyethylene
LDPE Intermediate Coating
Extrusion Coating**

Applications

- Cardboard and Kraft paper coating
- Lamination

Characteristics

- The Exelene resin LDPE 8000 meets the requirements of section 177.1520, paragraph C, from chapter 21 denominated "Olefin Polymers" from the Code of Federal Regulations of the FDA, to be utilized with direct food contact.

Grade	Additives Package
Exelene LDPE 8000	Antioxidant

Properties	ASTM Testing	Units	Values
Resin Properties			
Melt Flow Rate	MFI ₂ D 1238 (190°C; 2,16 kgf)	g/10 min	8
Density	D 792 (23°C)	g/cm ³	0.918
Vicat Softening Point	D 1525	°C	88
Melting Point	DSC	°C	104
Coating Properties with Thickness of 1,0 mils = 25,4 μm			
WVTR	F 1249	g/m ² /dia	21
OTR	D3985	cm ³ /m ² /dia	8,000

(1) MD = Machine Direction and TD = Transversal Direction

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