

# EL-Lene™ D777C

Low Density Polyethylene  
SCG Chemicals Co., Ltd.

Message:  
EL-LENE D777C is an Autoclave LDPE grade for extrusion coating/lamination.

General Information			
Features	Autoclavable		
	Food Contact Acceptable		
	Good Adhesion		
	Good Heat Seal		
	Good Processability		
	Low Neck-In		
	Low Temperature Heat Sealability		
Uses	Coating Applications		
	Fabric Coatings		
	Foil Coatings		
	Laminates		
	Paper Coatings		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	85.0	°C	ASTM D1525
Melting Temperature	107	°C	ASTM D2117
Extrusion	Nominal Value	Unit	Test Method
Melt Temperature	300 to 330	°C	
Neck-in <sup>1</sup> (315°C)	50.0	mm	TPE
NOTE			
1.	Constant output at 50 rpm		

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