

EL-Lene™ D477C

Low Density Polyethylene
SCG Chemicals Co., Ltd.

Message:
EL-LENE™ D477C is an Autoclave LDPE grade for extrusion coating/lamination.

General Information			
Features	Autoclavable		
	Food Contact Acceptable		
	Good Adhesion		
	Good Stiffness		
	Low Friction		
	Low Neck-In		
	Recyclable Material		
Uses	Coating Applications		
	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	0.922	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	90.0	°C	ASTM D1525
Melting Temperature	112	°C	ASTM D2117
Extrusion	Nominal Value	Unit	Test Method
Melt Temperature	300 to 330	°C	
Neck-in ¹ (315°C)	60.0	mm	TPE
NOTE			
1.	Constant output at 50 rpm		

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Recommended distributors for this material

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