

Dylite® F271C

Expanded Polystyrene

NOVA Chemicals

Message:

Dylite® F271C is an Expanded Polystyrene material. It is available in North America for foam processing.

Important attributes of Dylite® F271C are:

Fast Molding Cycle

Food Contact Acceptable

Good Aesthetics

High Gloss

High Molecular Weight

Typical applications include:

Food Contact Applications

Containers

Kitchenware

General Information			
Features	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Surface Finish		
	High Gloss		
	High Molecular Weight		
	Thermally Insulating		
Uses	Containers		
	Cups		
	Thin-walled Containers		
Agency Ratings	EU 2002/72/EC		
	FDA 21 CFR 177.1640		
	FDA 21 CFR 178.3010		
Processing Method	Foam Processing		
Physical	Nominal Value	Unit	
Apparent Density	0.61 to 0.64	g/cm ³	
Particle Size - Pre-expanded ¹	1.26 to 1.79	mm	
Pentane Content	6.0 to 6.6	wt%	
Bead Size - C - Medium Fine (~85%)	420.0 to 600.0	µm	
Thermal Resistance - R-value	4.20	1/in	
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	80.0	°C	
CLTE - Flow	6.3E-5	cm/cm/°C	ASTM D696
Thermal Conductivity	0.034	W/m/K	

NOTE

1. 1.50 pcf (24 g/l), ~85% of raw bead distribution

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Recommended distributors for this material

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