

Dylite® F271TN

Expanded Polystyrene

NOVA Chemicals

Message:

Dylite® F271TN is an Expanded Polystyrene material. It is available in North America for foam processing.

Important attributes of Dylite® F271TN are:

Low to No Odor/Taste

Fast Molding Cycle

Food Contact Acceptable

High Gloss

High Molecular Weight

Typical applications include:

Food Contact Applications

Containers

Kitchenware

General Information			
Features	Fast Molding Cycle		
	Food Contact Acceptable		
	High Gloss		
	High Molecular Weight		
	Low to No Odor		
	Low to No Taste		
	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	
Pentane Content	5.3 to 5.9	wt%	
Bead Size - T - Fine	300.0 to 500.0	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	

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Recommended distributors for this material

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