



# NUCLEATING MASTERBATCH

## SP7303 0005

### Characteristics:

- PS based Nucleating masterbatch for homogeneous cell Formation in foamed PS sheets

### Applications:

- XPS insulation boards
- XPS food Packaging application like food trays, lunch boxes (hinged), instant noodle containers, clamshells & bowls

Material Status : Commercially Active

Agency Ratings :

PROPERTY	ASTM TEST METHOD	TEST CONDITION	VALUE	UNIT
Density	D792	-	1.51	gm/cc
Active Content	-	-	50	%
Moisture Content	SPL	-	<0.1	%
Carrier Resin	-	-	PS	-
Compatibility	-	-	GPPS, HIPS	-
LDR*	-	-	2 -3	%

\* The amount of masterbatch added depends on the performance requirements of the final application.

### Method of Addition :

Grade is designed for ease of dilution and homogeneous mixing and is therefore suitable for direct addition using dosing units or by pre-blending.

### Special Features :

This product is produced with high quality rutile TiO<sub>2</sub> to give excellent opacity without sacrificing functional requirement of strength and flexibility and contains ingredients approved by most of the major Health Authorities for food contact application, including FDA.

### Packaging :

This product is supplied in regular pellet form packed in 25 Kg bags. The packing used is not stabilized and hence should not be exposed to sunlight. SPL recommends storing of material in cool and dry place shaded from sunlight and heat.

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