



DOW™ LLDPE GRSN-2070 NT

The Dow Chemical Company - Linear Low Density Polyethylene Resin

Tuesday, November 5, 2019

General Information

Product Description

DOW GRSN-2070 NT Linear Low Density Polyethylene Granular Solid is produced using UNIPOL™ process technology. It is granular product intended for use in the production of color concentrates and master batches.

General

Material Status	• Commercial: Active
Availability	• North America
Forms	• Granules
Processing Method	• Profile Extrusion

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity ²	0.922		ASTM D792
Melt Mass-Flow Rate			ASTM D1238
190°C/2.16 kg	0.70	g/10 min	
190°C/21.6 kg	52	g/10 min	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	250	°F	Internal Method

Processing Information

Extrusion	Nominal Value	Unit
Melt Temperature	385 to 430	°F

Extrusion Notes

Fabrication Conditions:

- Screw Type: All standard commercial extrusion equipment
- Melt Temperature Range: 385-430°F (195-220°C)

Notes

¹ Typical properties: these are not to be construed as specifications.

² Natural Resin