



DOW™ LLDPE DNDA-1088 NT 7

The Dow Chemical Company - Linear Low Density Polyethylene Resin

Tuesday, November 5, 2019

General Information

Product Description

DOW™ DNDA-1088 NT 7 Linear Low Density Polyethylene (LLDPE) is produced via UNIPOL™ Process Technology and is intended for high-speed injection molding of thin-walled parts such as downgauged lids. This resin has been designed to have an excellent balance of processability, impact strength, and rigidity.

Overview:

- Injection molding
- Lids
- Excellent processability with good impact strength and rigidity
- Narrow molecular weight distribution

Complies with:

- U.S. FDA 21 CFR 177.1520(c) 3.1a
- Europe Commission Regulation (EU) No 10/2011 (See NOTES)

Consult the regulations for complete details.

General

Material Status	• Commercial: Active
Availability	• North America
Agency Ratings	• EU No 10/2011 • FDA 21 CFR 177.1520(c) 3.1a
Forms	• Pellets
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.934		ASTM D792
Melt Mass-Flow Rate (190°C/2.16 kg)	180	g/10 min	ASTM D1238
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	257	°F	Internal Method
Peak Crystallization Temperature (DSC)	235	°F	Internal Method

Notes

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