EVERCAP™ HDPE DMDA-1245 NT 7
High Density Polyethylene Resin

Overview

EVERCAP™ DMDA-1245 NT 7 High Density Polyethylene (HDPE) Resin is produced via UNIPOL™ Process Technology from Dow and is intended for use in a broad range of injection molding applications such as closures and fitments. This resin has been designed to provide an excellent balance of toughness, environmental stress crack resistance and processability.

Characteristics:

- Injection molding
- Excellent balance of toughness, stress crack resistance and processability
- Very narrow molecular weight distribution

Complies with:

- U.S. FDA 21 CFR 177.1520 (c)3.2a

Consult the regulations for complete details.

Additive

- Antiblock: No
- Slip: No
- Processing Aid: No

Physical	Nominal Value (English)		Nominal Value (SI)		Test Method
Density	0.954	g/cm³	0.954	g/cm³	ASTM D792
Base Density [1]	0.954	g/cm³	0.954	g/cm³	Dow Method
Melt Index (190°C/2.16 kg)	20	g/10 min	20	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (ESCR)					ASTM D1693
122°F (50°C), 100% Igepal, F50	3.00	hr	3.00	hr	

Additional Information

Plaque molded and tested in accordance with ASTM D4976.

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

[1] Base density is estimated using the assumption that every 1000 ppm of antiblock in the finished product raises the density of the polymer by 0.0006 g/cm³. Base density is the estimated density of the polymer if it did not contain any antiblock.