DOW™ LLDPE DNDA-8335 NT 7

Linear Low Density Polyethylene Resin

The Dow Chemical Company

Message:

DOW DNDA-8335 NT 7 linear low density polyethylene (LLDPE) resin was prepared by UNIPOL™PE process technology is suitable for general injection molding. This resin has excellent impact strength, rigidity, environmental stress cracking resistance and processability.
injection molding
general type
Excellent low-temperature impact strength, stress cracking resistance and processability
Very narrow molecular weight distribution
Comply with the requirements of U.S. Food and Drug Administration Regulation 21 CFR 177.1520 (c)3.1a
EU Food Contact
please check the regulations for complete details.

General Information			
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a HPFB (Canada) No Objection 2 Europe No 10/2011 European food contact, not rated		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.926	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	35	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, 100% Igepal, F50)	10.0	hr	ASTM D1693
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	51		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			ASTM D638
Yield	11.0	MPa	ASTM D638
Fracture	7.58	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	2.0	%	ASTM D638
Fracture	75	%	ASTM D638
Flexural Modulus - 2% Secant	393	MPa	ASTM D790B
Impact	**Nominal Value**	**Unit**	**Test Method**
Tensile Impact Strength [1]	189	kJ/m²	ASTM D1822
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	45.0	°C	ASTM D648
Brittleness Temperature	-76.1	°C	ASTM D746

Vicat Softening Temperature	92.2	°C	ASTM D1525
Melting Temperature (DSC)	123	°C	Internal method
Peak Crystallization Temperature (DSC)	108	°C	Internal method

Additional Information
根据 ASTM D 4976 进行基板模制和测试.

NOTE	
1.	Type s

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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