DOW™ MDPE DMDA-8962 NT 7

Medium Density Polyethylene Resin

The Dow Chemical Company

Message:

DOW DMDA-8962 NT 7 Medium Density Polyethylene (MDPE) resin is produced via UNIPOL™ Process Technology from Dow and is intended for use in thin-wall injection molding applications such as food containers, including freezer applications. This resin has been designed to provide a good impact/stiffness balance as well as excellent processability.
Main Characteristics:
Injection molding resin
Good impact/stiffness balance for freezer applications
High flow for processing ease
Very narrow molecular weight distribution
Complies with
U.S. FDA 21 CFR 177.1520(c)3.1a
CANADIAN HPFB NO OBJECTION (WITH LIMITATIONS)
EU, No 10/2011
Consult the regulations for complete details.

General Information			
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a HPFB (Canada) No Objection Europe No 10/2011		
Forms	Particle		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.942	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	62	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (50°C, 100% Igepal, F50)	6.00	hr	ASTM D1693
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			ASTM D638
Yield	14.5	MPa	ASTM D638
Fracture	18.6	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	9.0	%	ASTM D638
Fracture	37	%	ASTM D638
Flexural Modulus - 2% Secant	827	MPa	ASTM D790B
Impact	**Nominal Value**	**Unit**	**Test Method**
Tensile Impact Strength [1]	90.4	kJ/m²	ASTM D1822
Thermal	**Nominal Value**	**Unit**	**Test Method**
Brittleness Temperature	-52.8	°C	ASTM D746
Melting Temperature (DSC)	127	°C	Internal method
Peak Crystallization Temperature (DSC)	115	°C	Internal method
Additional Information			

根据 ASTM D 4976 进行模塑和测试.

NOTE

1. Type s

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China