DOW™ LDPE 740E

Low Density Polyethylene Resin

The Dow Chemical Company

Message:

DOW™ LDPE 740E Low Density Polyethylene Resin has been designed with a specific focus on the compounding industry. DOW™ LDPE 740E displays good processability, ease of blending, and a controlled, low gel level. The resin is therefore suitable for the production of high quality masterbatches.
Main Characteristics:
Designed for compounding
Good blendability
Good processability
Consistently low gel level
Complies with:
EU, No 10/2011
U.S. FDA 21 CFR 177.1520(c)2.2
Consult the regulations for complete details.

General Information			
Agency Ratings	EU No 10/2011 FDA 21 CFR 177.1520(c) 2.2		
Forms	Pellets		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.920	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore D, Compression Molded)	50		ISO 868
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress			ISO 527-2
Yield, Compression Molded	9.00	MPa	
Break, Compression Molded	9.00	MPa	
Tensile Strain (Break, Compression Molded)	95	%	ISO 527-2
Flexural Modulus (Compression Molded)	280	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Tensile Impact Strength (Compression Molded)	250	kJ/m²	ISO 8256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Vicat Softening Temperature	93.0	°C	ASTM D1525 [1]
Melting Temperature (DSC)	109	°C	Internal Method
NOTE			
1.	Rate B (120°C/h)		

infringement occurs, please contact us immediately.

Recommended distributors for this material

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