DOW™ VLDPE GRSN-1539 NT 7

Very Low Density Polyethylene Resin

The Dow Chemical Company

Message:

Low modulus film
Excellent compatibility with polypropylene and polyethylene
Granular form of FLEXOMER DFDA-1010 NT 7 VLDPE Resin
Complies with U.S. FDA 21 CFR 177.1520 (c) 3.1a
Consult the regulations for complete details.
GRSN-1539 NT 7 Very Low Density Polyethylene VLDPE Resin is produced via gas phase polymerization from Dow. This is an ethylene-butene copolymer exhibiting high flexibility and elasticity. It can be utilized in monolayer and coextruded films and in blends with other polyolefins to enhance toughness of the structure. Granular form enhances rapid melt blending into polypropylene or polyethylene.

General Information			
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1a		
Forms	Particles		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.905	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.85	g/10 min	ASTM D1238
190°C/21.6 kg	24	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness			ASTM D2240
Shaw A, 1 sec	91		ASTM D2240
Shaw A, 5 seconds	94		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	16.5	MPa	ASTM D638
Tensile Elongation (Break)	700	%	ASTM D638
Flexural Modulus - 2% Secant	152	MPa	ASTM D790A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Glass Transition Temperature	-42.2	°C	Internal method
Melting Temperature (DSC)	119	°C	Internal method
Additional Information			

根据 ASTM D 4976 进行基板模制和测试.

Recommended distributors for this material

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