DOW™ VLDPE DFDB-9042 NT

Very Low Density Polyethylene Resin

The Dow Chemical Company

Message:

High performance sealant layer in flexible packaging
Good optics, low temperature seal initiation and abuse resistance
Complies with CANADIAN HPFB NO OBJECTION (WITH LIMITATIONS)
Although this product has been granted Canadian Health Products and Food Branch (HPFB) No Objection Status, it is the responsibility of the end-user to consult HPFB before using this product in a food contact or pharmaceutical packaging application. Some restrictions may apply in Canada on the use of this product. Contact the Canadian Regulatory Specialist for information on specific applications where No Objection Status was granted for this product.
DFDB-9042 NT Very Low Density Polyethylene (VLDPE) Resin is produced via gas phase polymerization from Dow. This is an ethylene-butene copolymer designed to provide blown and cast film products with low temperature sealability, good optics and good abuse resistance. It has value as a sealant layer in multilayer film structures for dry and liquid packaging.

General Information			
Agency Ratings	HPFB (Canada) No Objection 2		
Forms	Particle		
Processing Method	Blow film		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.899	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.2	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	93		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	11.4	MPa	ASTM D638
Tensile Elongation (Break)	900	%	ASTM D638
Flexural Modulus - 2% Secant	117	MPa	ASTM D790A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Glass Transition Temperature	-52.2	°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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