

# DOW™ VLDPE DFDB-1088 NT

Very Low Density Polyethylene Resin

The Dow Chemical Company

## Message:

High elasticity with good elastic recovery

Excellent impact strength in blends with polypropylene and polyethylene

High melt strength

Soft touch blend

DFDB-1088 NT 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 melt strength and toughness of the structure.

General Information			
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.884	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.10	g/10 min	ASTM D1238
190°C/21.6 kg	4.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A, 1 sec	83		ASTM D2240
Shaw A, 5 seconds	83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	4.83	MPa	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Flexural Modulus - 2% Secant	33.1	MPa	ASTM D790A
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-48.9	°C	Internal method
Melting Temperature (DSC)	114	°C	Internal method
Additional Information			

根据 ASTM D 4976 进行基板模制和测试。

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## 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

