



VERSIFY™ 3200

The Dow Chemical Company - Plastomer

Monday, November 4, 2019

General Information

Product Description

VERSIFY™ 3200 Plastomer is a resin with a medium melt flow rate, therefore making it a general purpose film resin. It is suitable for cast film, blown film, and BOPP and is an excellent sealant. It has excellent compatibility with PP, excellent adhesion to PE and is an useful agent to bring low seal initiation temperature, softness and temperature performance.

Main Characteristics

- Pellet
- Medium Melt Flow Rate
- Good sealant
- Compatible with PP
- Soft polypropylene

Applications

- Blown Film
- Cast Film
- BOPP
- Sealant

Complies with:

- EU, No 10/2011
- U.S. FDA FCN 909
- U.S. FDA 21 CFR 175.105(c)(5)
- Consult the regulations for complete details.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Latin America	
	• Europe	• North America	
Agency Ratings	• EU No 10/2011	• FDA 21 CFR 175.105(c) (5)	• FDA FCN 909
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.878		ASTM D792
Melt Mass-Flow Rate (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Total Crystallinity	30	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, Compression Molded)	3210	psi	ASTM D638
Tensile Elongation ² (Break, Compression Molded)	840	%	ASTM D638
Flexural Modulus - 1% Secant (Compression Molded)	19000	psi	ASTM D790
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness ³			ASTM D2240
Shore A, Compression Molded	94		
Shore D, Compression Molded	44		
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-9.40	°F	Internal Method

UL and the UL logo are trademarks of UL LLC © 2019. All Rights Reserved.

The information presented here was acquired by UL from the producer of the product or material or original information provider. However, UL assumes no responsibility or liability for the accuracy of the information contained on this website and strongly encourages that upon final product or material selection information is validated with the manufacturer. This website provides links to other websites owned by third parties. The content of such third party sites is not within our control, and we cannot and will not take responsibility for the information or content.

VERSIFY™ 3200

The Dow Chemical Company - Plastomer

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	138	°F	ASTM D1525
Melting Temperature (DSC)	185	°F	Internal Method
Optical	Nominal Value	Unit	Test Method
Gloss			ASTM D523
20°, 39.4 mil, Compression Molded	125		
60°, 39.4 mil, Compression Molded	134		
Haze (78.7 mil, Injection Molded)	3.90	%	ASTM D1003

Notes

¹ Typical properties: these are not to be construed as specifications.

² 2.0 in/min

³ Hardness after 10 seconds.