



VERSIFY™ 2300 Elastomer

Overview VERSIFY™ 2300 Elastomer generates the optimum performance balance for blown stretch hoods - the wrapping that ensures the integrity of goods pallets being stored and transported.

It provides excellent elasticity and good holding force at equal or better cost than competitor solutions. The film improves pallet stability, delivers better tear resistance and makes recycling and disposal much simpler.

The grade is also ideally suited to a range of calendering and extruded applications and as a blend component for thermoplastic elastomers.

Complies with:

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

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.867 g/cm ³	0.867 g/cm ³	ASTM D792
Melt Mass-Flow Rate (230°C/2.16 kg)	2.0 g/10 min	2.0 g/10 min	ASTM D1238
Total Crystallinity	13 %	13 %	Dow Method
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break, Compression Molded)	2740 psi	18.9 MPa	ASTM D638
Tensile Elongation ¹			ASTM D638
Break, Compression Molded	730 %	730 %	
Flexural Modulus - 1% Secant (Compression Molded)	6120 psi	42.2 MPa	ASTM D790
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness ²			ASTM D2240
Shore A, Compression Molded	88	88	
Shore D, Compression Molded	32	32	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Glass Transition Temperature	-16.6 °F	-27.0 °C	Dow Method
Vicat Softening Temperature	109 °F	43.0 °C	ASTM D1525
Melting Temperature (DSC)	151 °F	66.0 °C	Dow Method
Optical	Nominal Value (English)	Nominal Value (SI)	Test Method
Gardner Gloss			ASTM D523
20°, 39.4 mil (1000 µm), Compression Molded	70	70	
60°, 39.4 mil (1000 µm), Compression Molded	109	109	
Haze (78.7 mil (2000 µm), Injection Molded)	6.0 %	6.0 %	ASTM D1003

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

¹ 2.0 in/min (50 mm/min)

² Hardness after 10 seconds.

