



# VERSIIFY 2300

## Elastomer

VERSIIFY™ 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.

**Note:** VERSIIFY™ 2300 Elastomer complies with  
 US FDA FCN 449  
 EU-Directive 2002/72/EC.  
 Consult the regulations for complete details.

Properties	Test Method	SI		ENGLISH	
		Units	Values <sup>(1)</sup>	Units	Values <sup>(1)</sup>
<b>Physical</b>					
Melt Flow Rate (230 °C,2.16kg)	ASTM D-1238	g/10min	2	-	-
Density	ASTM D-792	g/cm <sup>3</sup>	0.866	-	-
<b>Mechanical<sup>(2)</sup></b>					
Hardness, Shore A	ASTM D-2240	-	88	-	-
Tensile Strength at Yield <sup>(3)</sup>	ASTM D-638	MPa	3.1	psi	450
Tensile Elongation at Yield <sup>(3)</sup>	ASTM D-638	%	63	-	-
Tensile Modulus, 100% Secant <sup>(3)</sup>	ASTM D-638	MPa	3.2	psi	460
Flexural Modulus	ASTM D-790A	MPa	32	psi	4600
<b>Thermal</b>					
DSC Glass Transition Temperature, Tg	Dow Method	°C	-28	°F	-18
Vicat Softening Point	ASTM D-1525	°C	30	°F	87
<b>Optical<sup>(4)</sup></b>					
Clarity	ASTM D-1746	%	> 99	-	-
Gloss (45°)	ASTM D-2457	-	> 80	-	-
Haze	ASTM D-1003	%	< 15	-	-

- (1) Typical values, not to be construed as specifications. Users should confirm results by their own tests.
- (2) Measured in injection molded samples, aged two weeks (± 3 days) prior to testing.
- (3) Strain rate of 50mm/min.
- (4) Measured in Injection molded specimens (2 mm thickness).

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- use in cardiac prosthetic devices regardless of the length of time involved ("cardiac prosthetic devices" include, but are not limited to, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems, and ventricular bypass-assisted devices);
- use as a critical component in medical devices that support or sustain human life; or
- use specifically by pregnant women or in applications designed specifically to promote or interfere with human reproduction.

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