



## GenFlo® 3650

**GenFlo 3650** carboxylated styrene-butadiene latex is non-formaldehyde containing and designed for high temperature saturation applications. Especially valuable is the retention of tensile and elongation values after exposure to high temperature environments. **Acrylic-like performance in a styrene-butadiene copolymer.**

Recommended uses of **GenFlo 3650** latex include saturation of crepe or flat-back tape products such as automotive masking tapes where the tape is exposed to the high temperatures of the paint baking cycle.

### TYPICAL PROPERTIES

#### PHYSICAL PROPERTIES

Solids, % .....	50.7
Wet Weight/Gallon .....	8.3
Dry Weight/Gallon .....	4.2
Specific Gravity .....	1.00
pH .....	9.0
Latex Viscosity @ 25°C, Brookfield (cps) .....	150
Surface Tension (dynes/cm) .....	46
Glass Transition Temperature (°C) .....	-30
Residue .....	.005%

#### CHEMICAL/MECHANICAL PROPERTIES

Mechanical Stability .....	Excellent
Multivalent Ion Stability .....	Excellent
Shelf Life .....	Excellent
Foam .....	Low
Odor .....	Low
Emulsifier .....	Anionic
Hand .....	Very Soft

<b>GenFlo 3650</b>	<b>Initial</b>	<b>30 min at 150°C</b>	<b>2.5 hours at 150°C</b>	<b>2.5 hours at 170°C</b>
MD Tensile Strength* (lbs)	22.8	23.0	21.0	18.6
MD Tensile Retention		100%	93%	81%
<b>Standard Saturant</b>	<b>Initial</b>	<b>30 min at 150°C</b>	<b>2.5 hours at 150°C</b>	<b>2.5 hours at 170°C</b>
MD Tensile Strength* (lbs)	23.4	21.8	8.9	8.1
MD Tensile Retention		93%	38%	35%

\* Tensile strength of saturated paper

With compounding, properties of **GenFlo 3650** latex can be altered to meet specific performance requirements (e.g. solvent resistance, strength, hydrophobicity, hydrophilicity, hand, tack, etc.). Contact your OMNOVA Solutions representative for information on specific applications or needs.

**NOTE:**

Although the data supplied above is believed to be accurate, each user is advised to make an independent determination as to whether the described product(s) is/are appropriate for a particular use or application, whether such use will comply with all applicable laws or regulations, or whether such use will infringe the intellectual property rights of third parties.

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