

GenFlo 576

Carboxylated styrene butadiene latex. General purpose polymer binder for paper, paperboard, and nonwovens applications.

Property	Typical Value	Unit	Method ¹
Solids Content	50	%	
pH Value	5,8	-	
Brookfield Viscosity	195	cps	LVT#2, 60 rpm @ 25°C
Glass Transition Temperature Tg	-2	°C	
Surface Tension	36	dynes/cm	
Residue	5	ppm	
Density	8,5	lbs/gal	
Average Particle Size	195	nm	
Multivalent Ion Stability	Excellent		
Emulsifier	Anionic		
Foaming Tendency	Low		
Odor	Low		
Mechanical Stability	Excellent		

¹ internal method based upon the specified norm

Application Advice

GenFlo 576 general purpose carboxylated styrene-butadiene copolymer is a binder for paper, paperboard, and nonwovens applications.

Key Advantages

- Excellent film forming features
- Ease of finishing (gloss) and dry pick resistance
- High tensile strength
- Excellent adhesion to a variety of fibers and inorganic particles
- Versatile binder to meet specific needs through compounding with typical crosslinking resins, performance additives, and fillers
- Compatible with conventional application methods used in the paper and nonwovens industry

End Use Applications

- Binder: Coated Paper and Board, Nonwovens

Shipping and Storage

Available Packaging

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- Bulk (Tank Truck)
- Totes (IBC)

Freeze/Thaw Stability: This product is not freeze-thaw stable.

Recommended Storage Conditions

- Do not expose product or container to direct sunlight or to freezing temperatures.
- Mix the contents thoroughly before sampling. Product may undergo accelerated thickening with increased heat. Avoid prolonged storage at high temperatures.
- If stored as recommended, product can maintain its quality for the duration of its shelf life.
- Before use, always sample containers that have been stored longer than noted shelf life.
- Store in original packaging.
- Keep container tightly covered when not in use.

Recommended Storage Temperature: 22°C (70°F)

Shelf Life: 6 Months (when stored as recommended)

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.