

CHEMIGUM® PFC

Acrylonitrile Butadiene Rubber

Omnova Solutions Inc.

Message:

Copolymer of butadiene and acrylonitrile

KEY ADVANTAGES

Product specifically developed for food contact applications

Low compression set (LCS) thermoplastic elastomers (TPE's) can be tailor-made by blending required amounts of CHEMIGUM powder with low cost plasticized PVC at the end of dry-blending cycle

In blends with PVC as the dominant polymer, LCS values of 40% or less can be obtained after deformation for 1 day @ 70°C (158°F)

CHEMIGUM/PVC blends are recyclable

Resistance to abrasion and flex-fatigue

Chemical, oil & fuel resistant

APPLICATIONS

All PVC applications requiring food contact compliance

Additional Feature: Fat Resistance

General Information		
Features	Excellent Elastic Recovery	
	Food Contact Acceptable	
	Good Chemical Resistance	
	Good Crack Resistance	
	Good Flexibility	
	Recyclable Material	
Uses	Drinking Straws	
	Food Packaging	
	Liners	
RoHS Compliance	RoHS Compliant	
Appearance	Off-White	
Forms	Powder	
Processing Method	Calendering	
	Extrusion	
	Injection Molding	
Physical	Nominal Value	Unit
Specific Gravity	1.05	g/cm ³
Mooney Viscosity (ML 1+4, 100°C)	50	MU
Particle Size	300	µm
Partitioned With	Calcium Carbonate	

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