

CHEMIGUM® P35

Acrylonitrile Butadiene Rubber

Omnova Solutions Inc.

Message:

Copolymer of butadiene and acrylonitrile (35%)

KEY ADVANTAGES

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

In blends with P35 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

Hoses, tubing, gasket & seals: auto, building, appliance & industrial

Can be used in snap-fit assemblies

Additional Feature: Pre-crosslinked

General Information		
Features	Fatigue Resistant	
	Good Abrasion Resistance	
	Low Compression Set	
	Oil Resistant	
Uses	Automotive Applications	
	Construction Applications	
	Gaskets	
	Hose	
	Seals	
	Tubing	
RoHS Compliance	RoHS Compliant	
Appearance	Off-White	
Forms	Powder	
Processing Method	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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