

PolyOne Geon™ Vinyl Flexible 86155 Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

86155 is a flexible (90A durometer) vinyl compound formulated from FDA-santioned raw materials. This compound has received NSF Standard 61 only for sheets applications. NOTE: All ingredients used in the formulation of this compound are listed in the United States FDA Code of Federal Regulations, Title 21. The only restriction is that the plasticizer is For foods of high water content only. This material is also listed under NSF Std. 61. This listing covers many uses and restrictions may apply depending on the application. It is the customer's responsibility to ensure that the compound is suitable for its intended application. Please contact us to review the suitability of specific products in specific applications. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-86155-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	84	84	15 sec; ASTM D2240
	90	90	ASTM D2240
Tensile Strength at Break	18.3 MPa	2650 psi	Type IV, 510 mm/min; ASTM D638
Tensile Strength	10.7 MPa	1550 psi	Type IV, 510 mm/min; ASTM D638
	@Strain 100 %	@Strain 100 %	
Elongation at Break	400 %	400 %	Type IV, 510 mm/min; ASTM D638
Tear Strength	76.2 kN/m	435 pli	Die C, 510 mm/min; ASTM D624

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-27.0 °C	-16.6 °F	ASTM D746

Descriptive Properties	Value	Comments
Agency Ratings	FDA Food Contact, Unspecified Rating	
	NSF 61	
Features	Food Contact Acceptable	
Forms	Pellets	
Generic Material	PVC, Flexible	

Generic Name Descriptive Properties	Polyvinyl Chloride, Flexible (PVC, Flexible) Value	Comments
Processing Method	Extrusion	
	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	

Contact Songhan Plastic Technology Co.,Ltd.

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