

FLEXAREN® 09002

Ethylene Vinyl Acetate Copolymer

Innospec Leuna GmbH

Message:

FLEXAREN® 09002 - high quality ethylene vinyl acetate copolymer with 9% content of vinyl acetate. Manufactured by high pressure tubular process
FLEXAREN® 09002 is more elastic than LDPE and compatible with a wide range of polymers. It can be processed with the same equipment.

General Information			
Features	Copolymer		
	Good Flexibility		
	High Clarity		
	Low Temperature Flexibility		
Uses	Film		
	Hose		
	Stretch Wrap		
Appearance	Clear/Transparent		
	Natural Color		
Forms	Granules		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density (20°C)	0.926	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5	g/10 min	ISO 1133
Vinyl Acetate Content	9.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A	95		
Shore D	41		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/1BA
Break	17.0	MPa	
50% Strain	6.00	MPa	
Tensile Strain (Break)	> 700	%	ISO 527-2/1BA
Films	Nominal Value	Unit	Test Method
Tensile Strength			ISO 527-3
MD : 50 µm	28.0	MPa	
TD : 50 µm	24.0	MPa	
Thermal	Nominal Value	Unit	Test Method

Vicat Softening Temperature	72.0	°C	ISO 306/A
Extrusion	Nominal Value	Unit	
Melt Temperature	100 to 150	°C	

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