

FLEXAREN® 18002

Ethylene Vinyl Acetate Copolymer

Innospec Leuna GmbH

Message:

FLEXAREN® 18002 - high quality ethylene vinyl acetate copolymer with 18% content of vinyl acetate. Manufactured by high pressure tubular process FLEXAREN® 18002 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		
	Crosslinkable		
	Good Flexibility		
	High Clarity		
	Low Temperature Flexibility		
Uses	Agricultural Applications		
	Automotive Applications		
	Film		
	Foam		
Appearance	Clear/Transparent		
	Natural Color		
Forms	Granules		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density (20°C)	0.939	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ISO 1133
Vinyl Acetate Content	18.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A	90		
Shore D	35		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/1BA
Break	21.0	MPa	
50% Strain	3.80	MPa	
Tensile Strain (Break)	> 750	%	ISO 527-2/1BA
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	64.0	°C	ISO 306/A
Extrusion	Nominal Value	Unit	

Melt Temperature

100 to 150

°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

