

FLEXAREN® 18020

Ethylene Vinyl Acetate Copolymer

Innospec Leuna GmbH

Message:

FLEXAREN® 18001 - high quality ethylene vinyl acetate copolymer with 18% content of vinyl acetate. Manufactured by high pressure tubular process
FLEXAREN® 18020 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		
	Rapid Wetting		
Uses	Coating Applications		
	Masterbatch		
	Sealants		
Appearance	Natural Color		
Forms	Granules		
Physical	Nominal Value	Unit	Test Method
Density (20°C)	0.940	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ISO 1133
Vinyl Acetate Content	18.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A	84		
Shore D	30		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/1BA
Break	11.0	MPa	
50% Strain	3.90	MPa	
Tensile Strain (Break)	> 600	%	ISO 527-2/1BA
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	50.0	°C	ISO 306/A
Additional Information	Nominal Value	Unit	
Processing Temperature	100 to 150	°C	

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Recommended distributors for this material

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