

FLEXAREN® 07002

Ethylene Vinyl Acetate Copolymer

Innospec Leuna GmbH

Message:

FLEXAREN® 07002 is a high quality ethylene vinyl acetate copolymer with 7% content of vinyl acetate. The product is manufactured by high pressure tubular process.

FLEXAREN® 07002 is more elastic than LDPE, compatible with a wide range of polymers and can be processed with the same equipment.

General Information			
Features	Copolymer		
	Good Flexibility		
	Low Temperature Flexibility		
Uses	Profiles		
	Sheet		
Appearance	Natural Color		
Forms	Granules		
Processing Method	Injection Molding		
	Profile Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density (20°C)	0.925	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	7.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A	95		
Shore D	42		
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
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	72.0	°C	ISO 306/A
Injection	Nominal Value	Unit	
Processing (Melt) Temp	100 to 150	°C	
Extrusion	Nominal Value	Unit	

Melt Temperature

100 to 150

°C

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Recommended distributors for this material

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