

FLEXAREN® 07000

Ethylene Vinyl Acetate Copolymer

Innospec Leuna GmbH

Message:

FLEXAREN® 07000 is a high quality ethylene vinyl acetate copolymer with 7 % content of vinyl acetate. The product is manufactured by high pressure tubular process.

FLEXAREN® 07000 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		
	Low Temperature Flexibility		
Uses	Film		
	Hose		
	Stretch Wrap		
Appearance	Natural Color		
Forms	Granules		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.40	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	19.0	MPa	
50% Strain	6.50	MPa	
Tensile Strain (Break)	> 700	%	ISO 527-2/1BA
Films	Nominal Value	Unit	Test Method
Tensile Strength			ISO 527-3
MD : 50 µm	27.0	MPa	
TD : 50 µm	24.0	MPa	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	75.0	°C	ISO 306/A
Extrusion	Nominal Value	Unit	

Melt Temperature

120 to 160

°C

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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

