

P1820F

Ethylene Vinyl Acetate Copolymer

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.937	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (ESCR) (F50)	> 300	hr	ASTM D1693
Vinyl Acetate Content	18	wt%	Internal Method
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested ²	2	mil	
Tensile Stress			ISO 527-3
MD : Break, 2.0 mil	3770	psi	
TD : Break, 2.0 mil	3190	psi	
Tensile Elongation			ISO 527-3
MD : Break, 2.0 mil	320	%	
TD : Break, 2.0 mil	640	%	
Dart Drop Impact ³ (2.0 mil)	600	g	ISO 7765-1
Elmendorf Tear Strength			ISO 6383-2
MD : 2.0 mil	0.45	lbf	
TD : 2.0 mil	62	lbf	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore A	90		
Shore D	38		

Product Description:


EVA copolymer REPSOL PRIMEVA® P1820F is suitable for film extrusion and extrusion coating. This material combines easy processability with excellent mechanical and optical properties. It contains antioxidant additives.

Applications:

Film extrusion.

Extrusion coating.

Producer: REPSOL.Spain.

 021-40660017-20

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