

# Tritheva® PN 2021

Ethylene Vinyl Acetate Copolymer  
Petroquímica Triunfo

## Message:

Tritheva®PN 2021 is an ethylene vinyl acetate copolymer (EVA) material. This product is available in Latin America.  
Tritheva®The main features of PN 2021 are:  
Low shrinkage  
High resistance to environmental stress fracture (ESCR)  
Good processability  
Good flexibility  
chemical resistance  
Typical application areas include:  
Furniture  
Consumer goods  
Water pipes/pipes/drinking water

General Information			
Features	High ESCR (Stress Cracking Resistance)		
	High elasticity		
	Workability, good		
	Good flexibility		
	Good color stability		
	Good chemical resistance		
	Low shrinkage		
Uses	Piping system		
	Furniture		
	Footwear		
	Profile		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.1	g/10 min	ASTM D1238
Vinyl Acetate Content	17.7 - 20.3	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, Compression Molded)	87		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, Compression Molded)	26.0	MPa	ASTM D638
Tensile Elongation (Break, Compression Molded)	750	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method

Brittleness Temperature	-70.0	°C	ASTM D746A
Vicat Softening Temperature	61.0	°C	ASTM D1525
Melting Temperature	86.0	°C	

#### Additional Information

Melt Mass-Flow Rate, ASTM D1238, 190°C/2.16 kg: 1.8 to 2.4 g/10 min

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#### Recommended distributors for this material

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