

Aquathene® AQ120000

Ethylene Vinyl Silane Copolymer

LyondellBasell Industries

Message:

AQUATHENE AQ120000 is an ethylene vinylsilane copolymer designed for use in low voltage, power cable applications. This natural resin can be crosslinked, by exposure to moisture after extrusion with an appropriate catalyst.

General Information			
Features	Crosslinkable		
Uses	Wire & Cable Applications		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, Compression Molded)	13.2	MPa	ASTM D638
Tensile Elongation (Break, Compression Molded)	720	%	ASTM D638
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	135	°C	
Cylinder Zone 2 Temp.	145	°C	
Cylinder Zone 3 Temp.	155	°C	
Cylinder Zone 4 Temp.	160	°C	
Adapter Temperature	165	°C	
Die Temperature	170	°C	

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