

# Aquathene® CM92949

Proprietary  
LyondellBasell Industries

**Message:**

AQUATHENE CM 92949 is a black masterbatch designed for use with AQUATHENE AQ 120-000 ethylene vinylsilane copolymer for producing low voltage, power cable insulation. When CM 92949 is added at 9 wt % to AQ 120-000 and the appropriate catalyst masterbatch such as AQUATHENE CM 04482, the resulting material is suitable for use in applications such as USE and USE-2 cable. The compound is crosslinked by exposure to moisture.

General Information			
Additive	Carbon black (28%)		
Features	Crosslinkable		
Uses	Low voltage insulation		
	Wire and cable applications		
	Mixing		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm <sup>3</sup>	ASTM D1505
Additional Information			
Carbon Black Content, ASTM D1603: 27.8%			
Extrusion	Nominal Value	Unit	
Drying Temperature	60.0	°C	
Drying Time	8.0 - 16	hr	
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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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



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