

# POFEX EP8004S125F

Crosslinked Polyethylene  
POLYROCKS CHEMICAL CO., LTD

Message:

POFEX-EP8400S(+) flame retardant polyolefin cable materials are halogen-free and low halogen,low smoke,irradiation and non-irradiation types. The finished cable and wire can pass the FT-2,VW-1 of UL1581,they are of superior physical properties,electrical properties and processing properties.EP8400S(+) pass the UL tests and meet the requirements of RoHS, SVHC, PFOS&PFOA, 16P, PAHs.

Irradiation cross-linked halogen-free polyolefin series.

General Information			
Features	Flame Retardant		
	Good Electrical Properties		
	Good Processability		
	Good UV Resistance		
	Halogen Free		
	Low Smoke Emission		
Uses	Electrical Parts		
	Electrical/Electronic Applications		
	Wire & Cable Applications		
Wire Types (UL 1581)	FT-2		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33 to 1.37	g/cm <sup>3</sup>	Internal Method
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	14.2	MPa	Internal Method
Tensile Elongation (Break)	330	%	Internal Method
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	3.5E+14	ohms · cm	Internal Method
Additional Information	Nominal Value	Unit	Test Method
Heat Resistance	125	°C	Internal Method

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