

POFEX EP8004S125V

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) | VW-1 | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.53 to 1.57 | g/cm ³ | Internal Method |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 11.6 | MPa | Internal Method |
| Tensile Elongation (Break) | 170 | % | Internal Method |
| Electrical | Nominal Value | Unit | Test Method |
| Volume Resistivity | 1.8E+14 | ohms · cm | Internal Method |
| Additional Information | Nominal Value | Unit | Test Method |
| Heat Resistance | 125 | °C | Internal Method |

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