

## PolyOne Maxxam™ FR WC 0521-48 R1 RoHS Polypropylene, Unspecified (PP, Unspecified)

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

Maxxam FR WC 0521-48 R1 RoHS is a RoHS compliant flame retardant polyolefin compound characterized by low smoke development and good processability. Designed for thin-wall extrusion applications. UL Yellow Card approval for Plenum cable compounds - Component (E203704). Information provided by PolyOne

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Maxxam-FR-WC-0521-48-R1-RoHS-Polypropylene-Unspecified-PP-Unspecified.php](http://www.lookpolymers.com/polymer_PolyOne-Maxxam-FR-WC-0521-48-R1-RoHS-Polypropylene-Unspecified-PP-Unspecified.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.50 g/cc	1.50 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	13.8 MPa	2000 psi	510 mm/min From extruded tape 3:1 drawdown ratio. Values are largely determined by processing parameters.; ASTM D412
Elongation at Break	320 %	320 %	510 mm/min From extruded tape 3:1 drawdown ratio. Values are largely determined by processing parameters.; ASTM D412

Thermal Properties	Metric	English	Comments
Oxygen Index	31 %	31 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.06 @Thickness 2.16 mm	3.06 @Thickness 0.0850 in	1 MHz, QuadTech™ Digibridge; ASTM D150

Descriptive Properties	Value	Comments
Features	Flame Retardant	
	Halogen Free	
Forms	Pellets	
Generic Material	PP, Unspecified	
Generic Name	Polypropylene, Unspecified (PP, Unspecified)	
Processing Method	Extrusion	

Regional Availability Descriptive Properties	North America Value	Comments
RoHS Compliance	RoHS Compliant	
Uses	Wire & Cable Applications	

## Contact Songhan Plastic Technology Co.,Ltd.

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