

PolyOne Maxxam™ FR WC 0587-21 R2 RoHS Polypropylene, Unspecified (PP, Unspecified)

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Maxxam FR WC 0587-21 R2 RoHS is a flame retardant polyolefin compound characterized by low flame spread and good processability. Designed for thin wall primary wire 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-0587-21-R2-RoHS-Polypropylene-Unspecified-PP-Unspecified.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.46 g/cc	1.46 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	15.9 MPa	2310 psi	510 mm/min Tensile and elongation values are largely determined by processing parameters of the end user.; ASTM D412
Elongation at Break	320 %	320 %	510 mm/min Tensile and elongation values are largely determined by processing parameters of the end user.; ASTM D412

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	molded specimen; UL 94
Oxygen Index	34 %	34 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.7 @Thickness 2.54 mm	2.7 @Thickness 0.100 in	10 kHz, QuadTech™ Digibridge; ASTM D150

Descriptive Properties	Value	Comments
Features	Flame Retardant	
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	

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