Maxxam™ FR WC 0587-21 R2 RoHS

Polypropylene

Key Characteristics

Product Description	
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.	
General	
Material Status	• Commercial: Active
Regional Availability	• North America
Features	• Flame Retardant
Uses	• Wire & Cable Applications
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Extrusion

Technical Properties [1]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	1.46	1.46	ASTM D792
Elastomers	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Strength [2, 3] (Break)	2300 psi	15.9 MPa	ASTM D412
Tensile Elongation [2, 3] (Break)	320 %	320 %	ASTM D412
Electrical	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Dielectric Constant [4]			ASTM D150
0.100 in (2.54 mm), 10 kHz	2.70	2.70	
Flammability	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Flame Rating (molded specimen)	V-0	V-0	UL 94
Oxygen Index	34 %	34 %	ASTM D2863
Additional Information			
UL Yellow Card approval for Plenum cable compounds - Component (E203704)			

Notes

[1] Typical values are not to be construed as specifications.

[2] 20 in/min (510 mm/min)

[3] Tensile and elongation values are largely determined by processing parameters of the end user.

[4] QuadTech™ Digibridge

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Beyond Polymers.

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